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Selected Data on Federal Funds for Research and Development

Fiscal Years 1992, 1993, and 1994

Selected Data Tables

Division of Science Resources Studies
Directorate for Social, Behavioral and Economic Sciences

National Science Foundation

NSF 94-311

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Mary V. Burke, Project Officer

Division of Science Resources Studies
Directorate for Social, Behavioral and Economic Sciences

National Science Foundation

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Contributors

Data collection, preparation, and tabulations were performed by Quantum Research Corp. for the National Science Foundation. The Project Officer for this report was Mary V. Burke.

NOTE TO READERS

The data presented in this summary are being released in advance of the publication *Federal Funds for Research and Development, Volume XLII* (Detailed Statistical Tables), which will be available later in 1994. That publication will contain more comprehensive statistical tables and complete survey technical notes.

The summary data in the following tables include research and development (R&D) funding levels as reported by 33 Federal agencies and their subdivisions—102 individual respondents—in March through October 1993. All agencies with R&D programs are covered.

The amounts reported as obligations or outlays for each year of this survey include the obligations entered into or the outlays incurred (respectively) in that year, regardless of when the funds may have been authorized, appropriated, or received by an agency, and regardless of whether the funds are identified in an agency's budget specifically for research, development, or R&D plant.

In the tables, data for fiscal year (FY) 1992 are actual because they represent completed transactions. Data for FY 1993 and FY 1994 are estimated because they do not represent final actions. The timing of the Federal Funds Survey coincided with the third quarter of FY 1993; therefore, the amounts reported for FY 1993 reflect congressional appropriation actions as of that period as well as apportionment and reprogramming decisions as of that time. Data for FY 1994 represent administration budget proposals that had not been acted on. The effects of later authorization, appropriation, deferral, and apportionment actions will be reflected in later surveys in this series.

Obligations represent the amounts for orders placed, contracts awarded, services received, and similar transactions during a given period, regardless of when the funds were appropriated and when future payment of money is required.

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Table 1. Summary of Federal funds for research and development and for R&D plant: fiscal years 1992, 1993, and 1994

[In millions of dollars and percentages]

Item	1992	Estimates			
		1993	Percentage change 1992-93	1994	Percentage change 1993-94
Total outlays for research and development and for R&D plant	$65,719.0	$71,330.0	8.5	$64,178.4	-10.0
Research and development	62,934.5	66,475.3	5.6	60,774.8	-8.6
R&D plant	2,784.5	4,854.7	74.3	3,403.6	-29.9
Total obligations for research and development and for R&D plant	68,577.2	75,303.4	9.8	74,435.9	-1.2
Research and development, total	65,592.6	71,445.1	8.9	71,243.7	-.3
By performers:					
Intramural 1/	15,690.1	17,199.4	9.6	17,542.4	2.0
Industrial firms	29,744.8	33,394.5	12.3	32,936.9	-1.4
FFRDCs administered by industrial firms	2,009.8	1,309.7	-34.8	1,253.2	-4.3
Universities and colleges	10,271.2	11,335.9	10.4	11,639.9	2.7
FFRDCs administered by universities and colleges	3,855.5	3,494.7	-9.4	3,269.3	-6.5
Other nonprofit institutions	2,803.6	3,359.5	19.8	3,175.5	-5.5
FFRDCs administered by nonprofit institutions	745.6	823.0	10.4	901.8	9.6
State and local governments	184.1	254.3	38.1	256.6	.9
Foreign	207.9	274.0	-4.8	268.1	-2.2
Research, total	24,490.6	27,451.8	12.1	28,123.8	2.4
By performers:					
Intramural 1/	6,615.7	7,401.2	11.9	7,704.1	4.1
Industrial firms	3,451.2	4,233.4	22.7	4,343.7	2.6
FFRDCs administered by industrial firms	592.4	648.0	9.4	595.5	-8.1
Universities and colleges	9,060.7	10,075.9	11.2	10,402.3	3.2
FFRDCs administered by universities and colleges	2,351.8	2,372.4	.9	2,239.4	-5.6
Other nonprofit institutions	2,049.6	2,323.0	13.3	2,399.5	3.3
FFRDCs administered by nonprofit institutions	139.9	151.7	8.4	181.8	19.9
State and local governments	109.3	127.5	16.7	143.2	12.3
Foreign	120.0	118.7	-1.1	114.3	-3.6
By fields of science:					
Life sciences	9,910.5	10,950.1	10.5	11,372.8	3.9
Psychology	298.1	354.2	18.8	346.4	-2.2
Physical sciences	4,439.2	4,915.5	10.7	4,832.5	-1.7
Environmental sciences	2,207.6	2,411.9	9.3	2,542.1	5.4
Mathematics and computer sciences	1,160.3	1,363.0	17.5	1,468.7	7.8
Engineering	4,977.0	5,839.9	17.3	6,005.5	2.8
Social sciences	689.7	704.3	2.1	708.6	.6
Other sciences, n.e.c.	808.3	912.8	12.9	847.3	-7.2
Basic research, total	12,489.9	13,897.4	11.3	14,346.1	3.2
By performers:					
Intramural 1/	2,397.0	2,677.1	11.7	2,812.0	5.0
Industrial firms	920.3	1,061.5	15.3	1,113.0	4.8
FFRDCs administered by industrial firms	187.8	187.2	-.3	184.4	-1.5
Universities and colleges	6,331.8	7,115.9	12.4	7,352.2	3.3
FFRDCs administered by universities and colleges	1,394.1	1,398.8	.3	1,357.6	-2.9
Other nonprofit institutions	1,097.2	1,276.9	16.4	1,329.7	4.1
FFRDCs administered by nonprofit institutions	65.5	70.7	7.9	82.5	16.8
State and local governments	42.4	48.3	13.9	52.3	8.3
Foreign	53.8	60.9	13.3	62.5	2.5
By fields of science:					
Life sciences	5,841.7	6,601.7	13.0	6,883.6	4.3
Psychology	122.6	135.7	10.7	141.1	4.0
Physical sciences	2,951.4	3,226.8	9.3	3,270.9	1.4
Environmental sciences	1,303.6	1,391.6	6.7	1,450.5	4.2
Mathematics and computer sciences	481.4	545.4	13.3	599.3	9.9
Engineering	1,249.8	1,407.8	12.6	1,438.0	2.1
Social sciences	139.9	154.7	10.6	151.5	-2.1
Other sciences, n.e.c.	399.4	433.8	8.6	411.3	-5.2

See explanatory information, if any, and SOURCE at end of table.

Table 1. Summary of Federal funds for research and development and for R&D plant: fiscal years 1992, 1993, and 1994

[In millions of dollars and percentages]

Item	1992	Estimates			
		1993	Percentage change 1992-93	1994	Percentage change 1993-94
Applied research, total	$12,000.7	$13,554.5	12.9	$13,777.7	1.6
By performers:					
Intramural 1/	4,218.7	4,724.1	12.0	4,892.1	3.6
Industrial firms	2,530.9	3,171.8	25.3	3,230.8	1.9
FFRDCs administered by industrial firms	404.6	460.8	13.9	411.1	-10.8
Universities and colleges	2,728.9	2,960.0	8.5	3,050.1	3.0
FFRDCs administered by universities and colleges	957.6	973.6	1.7	881.8	-9.4
Other nonprofit institutions	952.5	1,046.1	9.8	1,069.8	2.3
FFRDCs administered by nonprofit institutions	74.5	81.0	8.8	99.3	22.6
State and local governments	66.9	79.3	18.5	90.9	14.7
Foreign	66.2	57.8	-12.8	51.9	-10.1
By fields of science:					
Life sciences	4,068.8	4,348.4	6.9	4,489.2	3.2
Psychology	175.6	218.5	24.4	205.3	-6.0
Physical sciences	1,487.7	1,688.7	13.5	1,561.6	-7.5
Environmental sciences	904.0	1,020.3	12.9	1,091.5	7.0
Mathematics and computer sciences	678.9	817.6	20.4	869.4	6.3
Engineering	3,727.1	4,432.1	18.9	4,567.5	3.1
Social sciences	549.8	549.7	*	557.2	1.4
Other sciences, n.e.c.	408.8	479.1	17.2	435.9	-9.0
Development, total	41,102.0	43,993.2	7.0	43,119.9	-2.0
By performers:					
Intramural 1/	9,074.4	9,798.2	8.0	9,838.3	.4
Industrial firms	26,293.6	29,161.1	10.9	28,593.2	-1.9
FFRDCs administered by industrial firms	1,417.4	661.7	-53.3	657.7	-.6
Universities and colleges	1,210.6	1,260.0	4.1	1,237.6	-1.8
FFRDCs administered by universities and colleges	1,503.7	1,122.3	-25.4	1,029.9	-8.2
Other nonprofit institutions	753.9	1,036.4	37.5	776.0	-25.1
FFRDCs administered by nonprofit institutions	605.7	671.3	10.8	720.0	7.2
State and local governments	74.8	126.8	69.5	113.4	-10.6
Foreign	167.9	155.4	-7.5	153.8	-1.0
R&D plant, total	2,984.6	3,858.4	29.3	3,192.3	-17.3
By performers supported:					
Intramural	506.2	792.5	56.5	492.2	-37.9
Industrial firms	1,014.4	1,287.2	26.9	1,079.4	-16.1
FFRDCs administered by industrial firms	202.2	195.2	-3.5	183.8	-5.8
Universities and colleges	241.5	491.1	103.4	196.5	-60.0
FFRDCs administered by universities and colleges	579.5	590.7	1.9	616.9	4.4
Other nonprofit institutions	393.9	411.0	4.3	550.3	33.9
FFRDCs administered by nonprofit institutions	46.3	58.2	25.8	69.0	18.6
State and local governments	.5	.4	-18.7	.4	2.7
Foreign	.0	32.1	**	3.7	-88.5

1/ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

NOTE: Because of rounding, detail may not add to totals.

KEY: FFRDCs = Federally funded research and development centers
n.e.c. = Not elsewhere classified
* = Percentage less than .05%
** = Percentage change computation not valid due to zero obligations

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table 2. Federal funds for research and development and for R&D plant, by agency: fiscal years 1992, 1993, and 1994

[Dollars in millions]

Agency and subdivision	Obligations			Outlays		
	1992	Estimates		1992	Estimates	
		1993	1994		1993	1994
Total, all agencies	68,577.2	75,303.4	74,435.9	65,719.0	71,330.0	64,178.4
Departments:						
Department of Agriculture, total	1,491.8	1,528.0	1,462.4	1,382.8	1,441.9	1,449.2
Agricultural Cooperative Service	3.4	3.5	3.6	3.4	3.5	3.6
Agricultural Marketing Service 1/	4.7	4.9	4.9	4.3	4.8	4.9
Agricultural Research Service	725.2	749.6	727.1	686.5	715.2	699.6
Animal & Plant Health Inspection Service	16.7	16.8	19.4	16.7	16.8	19.4
Cooperative State Research Service	481.2	487.7	416.5	415.1	444.2	463.8
Economic Research Service	58.9	58.9	51.5	57.5	56.9	51.2
Federal Grain Inspection Service	1.5	1.2	1.0	1.8	1.2	1.0
Forest Service	184.3	191.7	220.2	182.0	184.0	187.7
Human Nutrition Information Service	10.7	8.5	13.1	9.7	9.0	11.9
National Agricultural Statistics Service	3.6	3.6	3.7	3.5	3.6	3.6
Office of International Cooperation & Development	1.5	1.5	1.6	2.4	2.6	2.4
Department of Commerce, total	672.2	867.2	975.9	643.4	714.7	858.7
Bureau of the Census	5.3	5.1	5.2	5.5	4.4	5.2
Economic Development Administration	.5	.0	.5	1.1	.5	1.0
National Institute of Standards & Technology	190.2	378.1	450.3	160.6	225.8	332.6
National Oceanic & Atmospheric Administration	472.2	479.9	514.7	472.2	479.9	514.7
National Telecommunications & Information Admin	4.0	4.1	5.2	4.0	4.1	5.2
Office of the Secretary	.0	.0	.0	-	.1	.0
Department of Defense, total	36,526.0	39,505.4	37,783.4	34,631.7	36,948.4	37,622.2
Department of the Army	6,876.2	6,423.6	5,644.3	6,295.2	6,110.6	5,821.3
Civil functions (Corps of Engineers)	56.2	49.6	56.3	56.2	49.6	56.3
Military functions	6,820.0	6,374.0	5,588.0	6,239.0	6,061.0	5,765.0
Department of the Navy	8,126.8	10,241.0	9,440.0	8,115.0	9,345.0	9,258.0
Department of the Air Force	13,606.8	14,138.5	14,100.6	12,532.3	13,271.8	13,990.5
Defense agencies	7,670.5	8,448.7	8,315.3	7,450.3	7,985.1	8,292.7
Operational Test & Evaluation, Director	12.4	12.0	12.6	9.4	12.7	12.2
Test & Evaluation, Deputy Under Secretary Defense	233.2	241.6	270.6	229.4	223.2	247.5
Department of Education	170.9	178.9	187.4	135.5	189.3	190.5
Department of Energy	7,493.0	8,010.3	8,053.4	7,232.7	7,690.5	7,966.0
Department of Health & Human Services, total	9,084.6	10,719.3	10,881.7	9,091.5	10,717.8	1,738.4
Administration on Aging 2/	20.2	19.7	20.3	20.2	19.7	17.1
Administration for Children & Families 2/ 3/	39.2	21.1	18.5	35.1	19.8	18.3
Agency for Health Care Policy & Research 4/	106.3	114.8	144.8	113.5	108.0	117.1
Centers for Disease Control	146.9	149.5	183.1	146.9	149.5	183.1
Food & Drug Administration	150.0	173.1	180.8	150.0	173.1	180.8
Health Care Financing Administration	75.5	68.7	68.6	63.9	72.8	66.9
Health Resources & Services Administration	10.5	11.2	11.6	10.5	11.2	11.6
National Institutes of Health 5/	8,491.4	10,112.0	10,204.0	8,491.4	10,112.0	1,095.3
Office of the Assistant Secretary for Health	6.7	1.0	7.0	21.7	9.1	5.3
Office of the Secretary	5.0	8.0	15.9	5.0	8.0	15.9
Social Security Administration	33.0	40.1	27.1	33.4	34.6	27.1
Department of Housing & Urban Development	25.1	26.4	35.5	23.5	24.3	28.6

See explanatory information, if any, and SOURCE at end of table.

Table 2. Federal funds for research and development and for R&D plant, by agency: fiscal years 1992, 1993, and 1994

[Dollars in millions]

Agency and subdivision	Obligations			Outlays		
	1992	Estimates		1992	Estimates	
		1993	1994		1993	1994
Department of the Interior, total	627.6	633.2	606.6	628.4	638.6	598.6
Bureau of Land Management	6.3	8.9	7.3	6.3	8.9	7.3
Bureau of Mines	107.1	116.1	90.8	113.9	112.4	100.2
Bureau of Reclamation	13.2	9.7	7.6	12.2	9.8	6.4
Geological Survey	365.7	358.8	378.2	370.3	377.4	373.0
Minerals Management Service	4.8	6.0	6.0	4.1	5.5	5.9
National Park Service	31.1	32.0	7.7	31.1	32.0	7.7
Office of the Secretary	.9	.9	.9	.9	.9	.9
Office of Surface Mining Reclamation & Enforcement	.3	.4	.0	.3	.4	.0
United States Fish & Wildlife Service	98.2	100.4	108.0	89.3	91.3	97.2
Department of Justice, total	48.0	45.9	45.8	42.9	44.2	42.9
Bureau of Prisons 6/	5.9	6.1	6.0	5.9	6.1	6.0
Drug Enforcement Administration	1.4	.8	1.8	1.5	.9	1.8
Federal Bureau of Investigation	10.9	10.7	10.7	10.9	10.7	10.7
Immigration & Naturalization Service	.4	.4	.4	.4	.4	.4
Office of Justice Programs	29.4	27.9	26.9	24.1	26.2	24.0
Department of Labor, total	51.7	65.3	65.6	70.8	67.3	67.7
Bureau of Labor Statistics	7.6	6.9	7.0	7.6	6.9	7.0
Employment & Training Administration	31.7	45.7	45.7	51.0	47.9	47.9
Occupational Safety & Health Administration	3.1	3.7	3.8	3.1	3.7	3.8
Office of the Secretary	5.9	5.5	5.5	5.7	5.4	5.4
Pension Benefit Guaranty Corporation	.9	.8	1.0	.9	.8	1.0
Pension & Welfare Benefits Administration	2.6	2.6	2.6	2.6	2.6	2.6
Department of State	5.6	5.4	5.4	5.6	5.4	5.4
Department of Transportation, total	470.3	788.3	722.7	411.1	535.8	658.8
Coast Guard	20.5	35.8	25.0	22.8	34.7	31.6
Federal Aviation Administration	260.2	298.2	301.1	250.7	287.2	305.4
Federal Highway Administration	131.0	345.1	267.9	81.2	139.4	217.2
Federal Railroad Administration	22.8	38.3	62.4	21.5	33.3	33.1
Federal Transit Administration 7/	1.7	30.0	30.0	1.5	8.7	38.1
Maritime Administration	1.8	1.7	1.7	1.7	1.7	1.7
National Highway Traffic Safety Administration	25.8	31.6	27.0	24.5	25.5	24.3
Office of the Secretary	4.1	5.3	4.6	5.0	2.9	4.5
Research & Special Programs Administration	2.5	2.4	3.1	2.3	2.4	2.8
Department of the Treasury, total	24.8	16.8	27.9	24.5	15.9	27.9
Bureau of Engraving & Printing	2.0	3.7	5.0	2.0	3.7	5.0
Financial Crimes Enforcement Network	1.2	1.5	1.9	1.5	1.5	1.8
Internal Revenue Service 8/	17.9	5.8	14.3	17.3	5.8	14.3
Office of Thrift Supervision 9/	.8	.8	.9	.8	.8	.9
United States Customs Service	2.3	3.3	5.0	2.3	3.3	5.0
United States Mint	.0	1.1	.2	.0	.3	.2
United States Secret Service 10/	.6	.6	.6	.6	.6	.6
Department of Veterans Affairs	229.6	252.0	216.3	207.6	236.9	221.3

See explanatory information, if any, and SOURCE at end of table.

Table 2. Federal funds for research and development and for R&D plant, by agency: fiscal years 1992, 1993, and 1994

[Dollars in millions]

Agency and subdivision	Obligations			Outlays		
	1992	Estimates		1992	Estimates	
		1993	1994		1993	1994
Other agencies:						
Advisory Commission on Intergovernmental Relations	1.7	2.5	1.9	1.5	1.8	1.9
Agency for International Development	365.9	381.0	421.6	205.9	355.0	375.5
Appalachian Regional Commission	1.9	.9	.9	1.9	.9	.9
Consumer Product Safety Commission	1.1	1.3	.4	1.2	1.2	.5
Environmental Protection Agency	483.9	520.7	655.9	411.9	485.3	526.0
Federal Communications Commission	1.6	1.8	1.7	1.6	1.8	1.7
Federal Trade Commission	1.3	.8	.9	1.3	.8	.9
General Services Administration	6.5	1.0	.0	20.9	12.5	4.1
Library of Congress	10.3	10.2	10.2	10.0	9.7	10.2
National Aeronautics & Space Administration	8,475.4	9,181.0	9,508.6	8,386.6	8,666.7	9,083.9
National Archives & Records Administration	.7	.3	.3	.7	.3	.3
National Science Foundation	1,970.0	2,210.5	2,402.3	1,813.6	2,180.4	2,339.1
Nuclear Regulatory Commission	119.0	119.7	122.1	116.5	119.5	121.5
Smithsonian Institution	101.8	105.0	105.9	95.4	99.4	100.2
Tennessee Valley Authority	100.5	109.6	117.2	103.5	109.6	119.5
United States Arms Control & Disarmament Agency	2.1	1.0	1.0	2.1	1.0	1.0
United States Information Agency	.0	1.2	.7	.2	.6	.7
United States International Trade Commission	12.3	12.5	14.3	12.3	12.5	14.3

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

3/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

4/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

5/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

6/ Formerly listed as Federal Prison System

7/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

8/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

9/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

10/ Formerly listed as Office of Protective Research

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: - = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table 3. Federal funds for total research and development, by agency: fiscal years 1992, 1993, and 1994

[Dollars in millions]

Agency and subdivision	Obligations			Outlays		
	1992	Estimates		1992	Estimates	
		1993	1994		1993	1994
Total, all agencies	65,592.6	71,445.1	71,243.7	62,934.5	66,475.3	60,774.8
Departments:						
Department of Agriculture, total	1,327.1	1,330.6	1,367.9	1,246.0	1,279.1	1,315.0
Agricultural Cooperative Service	3.4	3.5	3.6	3.4	3.5	3.6
Agricultural Marketing Service 1/	4.7	4.9	4.9	4.3	4.8	4.9
Agricultural Research Service	627.1	626.2	640.2	617.1	616.2	623.7
Animal & Plant Health Inspection Service	16.7	16.8	16.7	16.7	16.8	16.7
Cooperative State Research Service	418.2	418.6	416.5	354.9	385.2	413.1
Economic Research Service	58.9	58.9	51.5	57.5	56.9	51.2
Federal Grain Inspection Service	1.5	1.2	1.0	1.8	1.2	1.0
Forest Service	180.7	186.7	215.2	174.8	179.3	182.7
Human Nutrition Information Service	10.7	8.5	13.1	9.7	9.0	11.9
National Agricultural Statistics Service	3.6	3.6	3.7	3.5	3.6	3.6
Office of International Cooperation & Development	1.5	1.5	1.6	2.4	2.6	2.4
Department of Commerce, total	651.2	736.0	896.8	622.1	685.1	838.9
Bureau of the Census	5.3	5.1	5.2	5.5	4.4	5.2
Economic Development Administration	.5	.0	.5	1.1	.5	1.0
National Institute of Standards & Technology	179.0	261.2	381.6	149.1	210.5	323.3
National Oceanic & Atmospheric Administration	462.4	465.5	504.2	462.4	465.5	504.2
National Telecommunications & Information Admin	4.0	4.1	5.2	4.0	4.1	5.2
Office of the Secretary	.0	.0	.0	-	.1	.0
Department of Defense, total	36,129.5	38,986.9	37,522.9	34,220.8	35,158.3	37,249.8
Department of the Army	6,854.2	6,403.6	5,608.3	6,273.2	6,092.6	5,797.3
Civil functions (Corps of Engineers)	56.2	49.6	56.3	56.2	49.6	56.3
Military functions	6,798.0	6,354.0	5,552.0	6,217.0	6,043.0	5,741.0
Department of the Navy	8,030.8	10,206.0	9,370.0	8,004.0	9,275.0	9,208.0
Department of the Air Force	13,427.1	13,889.0	13,994.3	12,346.1	13,033.6	13,817.0
Defense agencies	7,571.7	8,234.6	8,267.1	7,358.7	6,521.1	8,167.8
Operational Test & Evaluation, Director	12.4	12.0	12.6	9.4	12.7	12.2
Test & Evaluation, Deputy Under Secretary Defense	233.2	241.6	270.6	229.4	223.2	247.5
Department of Education	168.5	176.7	185.6	133.0	176.6	187.5
Department of Energy	6,172.2	6,586.1	6,581.9	6,034.7	6,275.1	6,243.8
Department of Health & Human Services, total	8,987.8	10,343.7	10,722.5	8,994.8	10,342.3	1,687.9
Administration on Aging 2/	20.2	19.7	20.3	20.2	19.7	17.1
Administration for Children & Families 2/ 3/	39.2	21.1	18.5	35.1	19.8	18.3
Agency for Health Care Policy & Research 4/	106.3	114.8	144.8	113.5	108.0	117.1
Centers for Disease Control	146.9	149.5	183.1	146.9	149.5	183.1
Food & Drug Administration	135.7	139.1	151.2	135.7	139.1	151.2
Health Care Financing Administration	75.5	68.7	68.6	63.9	72.8	66.9
Health Resources & Services Administration	10.1	10.5	10.9	10.1	10.5	10.9
National Institutes of Health 5/	8,409.2	9,771.1	10,075.1	8,409.2	9,771.1	1,075.1
Office of the Assistant Secretary for Health	6.7	1.0	7.0	21.7	9.1	5.3
Office of the Secretary	5.0	8.0	15.9	5.0	8.0	15.9
Social Security Administration	33.0	40.1	27.1	33.4	34.6	27.1
Department of Housing & Urban Development	25.1	26.4	35.5	23.5	24.3	28.6

See explanatory information, if any, and SOURCE at end of table.

Table 3. Federal funds for total research and development, by agency: fiscal years 1992, 1993, and 1994

[Dollars in millions]

Agency and subdivision	Obligations			Outlays		
	1992	Estimates		1992	Estimates	
		1993	1994		1993	1994
Department of the Interior, total	609.2	612.2	588.5	610.6	617.9	585.6
Bureau of Land Management	6.3	8.9	7.3	6.3	8.9	7.3
Bureau of Mines	107.1	116.1	90.8	113.9	112.4	100.2
Bureau of Reclamation	13.2	9.7	7.6	12.2	9.8	6.4
Geological Survey	361.4	355.0	361.9	365.9	373.5	361.6
Minerals Management Service	3.8	5.0	5.0	3.4	4.5	4.9
National Park Service	31.1	32.0	7.7	31.1	32.0	7.7
Office of the Secretary	.9	.9	.9	.9	.9	.9
Office of Surface Mining Reclamation & Enforcement	.3	.4	.0	.3	.4	.0
United States Fish & Wildlife Service	85.1	84.1	107.3	76.6	75.5	96.5
Department of Justice, total	48.0	45.9	45.8	42.9	44.2	42.9
Bureau of Prisons 6/	5.9	6.1	6.0	5.9	6.1	6.0
Drug Enforcement Administration	1.4	.8	1.8	1.5	.9	1.8
Federal Bureau of Investigation	10.9	10.7	10.7	10.9	10.7	10.7
Immigration & Naturalization Service	.4	.4	.4	.4	.4	.4
Office of Justice Programs	29.4	27.9	26.9	24.1	26.2	24.0
Department of Labor, total	51.7	65.3	65.6	70.8	67.3	67.7
Bureau of Labor Statistics	7.6	6.9	7.0	7.6	6.9	7.0
Employment & Training Administration	31.7	45.7	45.7	51.0	47.9	47.9
Occupational Safety & Health Administration	3.1	3.7	3.8	3.1	3.7	3.8
Office of the Secretary	5.9	5.5	5.5	5.7	5.4	5.4
Pension Benefit Guaranty Corporation	.9	.8	1.0	.9	.8	1.0
Pension & Welfare Benefits Administration	2.6	2.6	2.6	2.6	2.6	2.6
Department of State	5.6	5.4	5.4	5.6	5.4	5.4
Department of Transportation, total	445.0	747.4	687.8	394.0	510.7	627.8
Coast Guard	20.1	35.4	24.6	22.4	34.3	31.1
Federal Aviation Administration	236.2	270.2	272.1	234.9	266.2	280.4
Federal Highway Administration	130.2	334.7	263.7	81.2	137.0	212.8
Federal Railroad Administration	22.7	36.2	61.1	20.6	32.0	31.9
Federal Transit Administration 7/	1.7	30.0	30.0	1.5	8.7	38.1
Maritime Administration	1.8	1.7	1.7	1.7	1.7	1.7
National Highway Traffic Safety Administration	25.8	31.6	27.0	24.5	25.5	24.3
Office of the Secretary	4.1	5.3	4.6	5.0	2.9	4.5
Research & Special Programs Administration	2.5	2.4	3.1	2.3	2.4	2.8
Department of the Treasury, total	24.6	16.6	27.7	24.4	15.8	27.7
Bureau of Engraving & Printing	2.0	3.7	5.0	2.0	3.7	5.0
Financial Crimes Enforcement Network	1.2	1.5	1.9	1.5	1.5	1.8
Internal Revenue Service 8/	17.9	5.8	14.3	17.3	5.8	14.3
Office of Thrift Supervision 9/	.8	.8	.9	.8	.8	.9
United States Customs Service	2.2	3.2	4.9	2.2	3.2	4.9
United States Mint	.0	1.1	.2	.0	.3	.2
United States Secret Service 10/	.5	.6	.6	.5	.6	.6
Department of Veterans Affairs	223.9	242.7	206.0	202.1	230.4	212.7

See explanatory information, if any, and SOURCE at end of table.

Table 3. Federal funds for total research and development, by agency: fiscal years 1992, 1993, and 1994

[Dollars in millions]

Agency and subdivision	Obligations			Outlays		
	1992	Estimates		1992	Estimates	
		1993	1994		1993	1994
Other agencies:						
Advisory Commission on Intergovernmental Relations	1.7	2.5	1.9	1.5	1.8	1.9
Agency for International Development	365.9	381.0	421.6	205.9	355.0	375.5
Appalachian Regional Commission	1.9	.9	.9	1.9	.9	.9
Consumer Product Safety Commission	1.1	1.3	.4	1.2	1.2	.5
Environmental Protection Agency	483.9	520.7	655.9	411.9	485.3	526.0
Federal Communications Commission	1.6	1.8	1.7	1.6	1.8	1.7
Federal Trade Commission	1.3	.8	.9	1.3	.8	.9
Library of Congress	10.3	10.2	10.2	10.0	9.7	10.2
National Aeronautics & Space Administration	7,657.6	8,190.3	8,637.0	7,616.5	7,830.0	8,209.3
National Archives & Records Administration	.7	.3	.3	.7	.3	.3
National Science Foundation	1,868.4	2,072.6	2,217.0	1,732.7	2,017.8	2,170.5
Nuclear Regulatory Commission	119.0	119.7	122.1	116.5	119.5	121.5
Smithsonian Institution	98.0	100.0	100.9	94.2	98.2	99.0
Tennessee Valley Authority	97.3	106.4	117.1	98.8	106.4	119.4
United States Arms Control & Disarmament Agency	2.1	1.0	1.0	2.1	1.0	1.0
United States Information Agency	.0	1.2	.7	.2	.6	.7
United States International Trade Commission	12.3	12.5	14.3	12.3	12.5	14.3

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

3/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

4/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

5/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

6/ Formerly listed as Federal Prison System

7/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

8/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

9/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

10/ Formerly listed as Office of Protective Research

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: - = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table 4. Federal obligations for total research and development, by agency and character of work: fiscal year 1992

[Dollars in thousands]

Agency and subdivision	Total	Research		Development
		Basic	Applied	
Total, all agencies	65,592,590	12,489,864	12,000,734	41,101,992
Departments:				
Department of Agriculture, total	1,327,112	595,153	665,843	66,116
Agricultural Cooperative Service	3,444	0	3,444	0
Agricultural Marketing Service 1/	4,746	0	4,144	602
Agricultural Research Service	627,097	326,090	257,110	43,897
Animal & Plant Health Inspection Service	16,717	0	0	16,717
Cooperative State Research Service	418,193	189,581	228,612	0
Economic Research Service	58,873	8,242	50,631	0
Federal Grain Inspection Service	1,505	0	1,505	0
Forest Service	180,700	68,900	106,900	4,900
Human Nutrition Information Service	10,703	0	10,703	0
National Agricultural Statistics Service	3,589	1,181	2,408	0
Office of International Cooperation & Development	1,545	1,159	386	0
Department of Commerce, total	651,165	34,517	561,392	55,256
Bureau of the Census	5,344	943	2,437	1,964
Economic Development Administration	500	0	500	0
National Institute of Standards & Technology	178,991	33,574	115,819	29,598
National Oceanic & Atmospheric Administration	462,369	0	438,675	23,694
National Telecommunications & Information Admin	3,961	0	3,961	0
Department of Defense, total	36,129,467	1,098,945	2,974,461	32,056,061
Department of the Army	6,854,232	204,902	727,837	5,921,493
Department of the Navy	8,030,830	393,814	499,016	7,138,000
Department of the Air Force	13,427,100	205,800	584,700	12,636,600
Defense agencies	7,571,688	294,429	1,162,908	6,114,351
Operational Test & Evaluation, Director	12,436	0	0	12,436
Test & Evaluation, Deputy Under Secretary Defense	233,181	0	0	233,181
Department of Education	168,499	7,513	119,459	41,527
Department of Energy	6,172,230	1,736,404	1,676,131	2,759,695
Department of Health & Human Services, total	8,987,823	5,058,703	2,886,816	1,042,304
Administration on Aging 2/	20,235	0	2,459	17,776
Administration for Children & Families 2/ 3/	39,156	0	34,347	4,809
Agency for Health Care Policy & Research 4/	106,327	0	97,821	8,506
Centers for Disease Control	146,900	0	146,900	0
Food & Drug Administration	135,700	0	135,700	0
Health Care Financing Administration	75,491	0	75,491	0
Health Resources & Services Administration	10,125	1,295	8,830	0
National Institutes of Health 5/	8,409,247	5,057,408	2,341,320	1,010,519
Office of the Assistant Secretary for Health	6,665	0	5,971	694
Office of the Secretary	4,977	0	4,977	0
Social Security Administration	33,000	0	33,000	0

See explanatory information, if any, and SOURCE at end of table.

Table 4. Federal obligations for total research and development, by agency and character of work: fiscal year 1992

[Dollars in thousands]

Agency and subdivision	Total	Research		Development
		Basic	Applied	
Department of Housing & Urban Development	25,143	0	8,807	16,336
Department of the Interior, total	609,178	230,920	339,675	38,583
Bureau of Land Management	6,300	637	5,303	360
Bureau of Mines	107,140	43,746	59,164	4,230
Bureau of Reclamation	13,200	0	10,700	2,500
Geological Survey	361,371	180,137	164,341	16,893
Minerals Management Service	3,815	0	3,815	0
National Park Service	31,098	0	31,098	0
Office of the Secretary	900	0	200	700
Office of Surface Mining Reclamation & Enforcement	254	0	254	0
United States Fish & Wildlife Service	85,100	6,400	64,800	13,900
Department of Justice, total	48,047	5,329	15,014	27,704
Bureau of Prisons 6/	5,900	0	2,500	3,400
Drug Enforcement Administration	1,400	0	100	1,300
Federal Bureau of Investigation	10,925	0	0	10,925
Immigration & Naturalization Service	400	0	400	0
Office of Justice Programs	29,422	5,329	12,014	12,079
Department of Labor, total	51,715	224	23,590	27,901
Bureau of Labor Statistics	7,600	0	7,600	0
Employment & Training Administration	31,706	200	5,440	26,066
Occupational Safety & Health Administration	3,094	0	3,094	0
Office of the Secretary	5,853	0	4,118	1,735
Pension Benefit Guaranty Corporation	912	24	788	100
Pension & Welfare Benefits Administration	2,550	0	2,550	0
Department of State	5,554	4,869	685	0
Department of Transportation, total	445,012	1,170	155,700	288,142
Coast Guard	20,058	0	5,014	15,044
Federal Aviation Administration	236,174	0	30,108	206,066
Federal Highway Administration	130,223	1,170	72,042	57,011
Federal Railroad Administration	22,721	0	18,859	3,862
Federal Transit Administration 7/	1,659	0	0	1,659
Maritime Administration	1,751	0	1,751	0
National Highway Traffic Safety Administration	25,774	0	25,774	0
Office of the Secretary	4,131	0	740	3,391
Research & Special Programs Administration	2,521	0	1,412	1,109
Department of the Treasury, total	24,638	3,576	17,245	3,817
Bureau of Engraving & Printing	1,990	0	1,766	224
Financial Crimes Enforcement Network	1,203	0	0	1,203
Internal Revenue Service 8/	17,878	3,576	13,945	357
Office of Thrift Supervision 9/	815	0	815	0
United States Customs Service	2,223	0	190	2,033
United States Secret Service 10/	529	0	529	0
Department of Veterans Affairs	223,900	15,700	185,200	23,000

See explanatory information, if any, and SOURCE at end of table.

Table 4. Federal obligations for total research and development, by agency and character of work: fiscal year 1992

[Dollars in thousands]

Agency and subdivision	Total	Research		Development
		Basic	Applied	
Other agencies:				
Advisory Commission on Intergovernmental Relations	1,730	0	1,730	0
Agency for International Development	365,918	5,805	294,245	65,868
Appalachian Regional Commission	1,900	0	1,900	0
Consumer Product Safety Commission	1,126	0	788	338
Environmental Protection Agency	483,900	110,400	293,900	79,600
Federal Communications Commission	1,648	0	1,648	0
Federal Trade Commission	1,285	0	1,285	0
Library of Congress	10,255	354	1,418	8,483
National Aeronautics & Space Administration	7,657,606	1,738,171	1,491,134	4,428,301
National Archives & Records Administration	685	495	110	80
National Science Foundation	1,868,397	1,741,472	126,925	0
Nuclear Regulatory Commission	119,049	0	119,049	0
Smithsonian Institution	97,999	97,999	0	0
Tennessee Valley Authority	97,271	2,145	22,246	72,880
United States Arms Control & Disarmament Agency	2,058	0	2,058	0
United States International Trade Commission	12,280	0	12,280	0

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2/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

3/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

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NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table 5. Estimated Federal obligations for total research and development, by agency and character of work: fiscal year 1993

[Dollars in thousands]

Agency and subdivision	Total	Research		Development
		Basic	Applied	
Total, all agencies	71,445,055	13,897,355	13,554,452	43,993,248
Departments:				
Department of Agriculture, total	1,330,553	596,854	666,915	66,784
Agricultural Cooperative Service	3,518	0	3,518	0
Agricultural Marketing Service 1/	4,863	0	4,244	619
Agricultural Research Service	626,212	325,630	256,747	43,835
Animal & Plant Health Inspection Service	16,830	0	0	16,830
Cooperative State Research Service	418,642	189,734	228,908	0
Economic Research Service	58,925	8,250	50,675	0
Federal Grain Inspection Service	1,191	0	1,191	0
Forest Service	186,700	70,900	110,300	5,500
Human Nutrition Information Service	8,538	0	8,538	0
National Agricultural Statistics Service	3,589	1,181	2,408	0
Office of International Cooperation & Development	1,545	1,159	386	0
Department of Commerce, total	735,990	37,147	595,829	103,014
Bureau of the Census	5,107	322	2,710	2,075
National Institute of Standards & Technology	261,241	36,825	163,322	61,094
National Oceanic & Atmospheric Administration	465,538	0	425,693	39,845
National Telecommunications & Information Admin	4,104	0	4,104	0
Department of Defense, total	38,986,860	1,238,362	3,637,381	34,111,117
Department of the Army	6,403,646	213,255	856,533	5,333,858
Department of the Navy	10,206,000	406,000	632,000	9,168,000
Department of the Air Force	13,889,000	238,500	740,000	12,910,500
Defense agencies	8,234,614	380,607	1,408,848	6,445,159
Operational Test & Evaluation, Director	12,000	0	0	12,000
Test & Evaluation, Deputy Under Secretary Defense	241,600	0	0	241,600
Department of Education	176,727	6,946	122,401	47,380
Department of Energy	6,586,053	1,775,379	1,826,753	2,983,921
Department of Health & Human Services, total	10,343,701	5,883,499	3,256,999	1,203,203
Administration on Aging 2/	19,669	0	2,456	17,213
Administration for Children & Families 2/ 3/	21,062	0	17,795	3,267
Agency for Health Care Policy & Research 4/	114,837	0	105,650	9,187
Centers for Disease Control	149,500	0	149,500	0
Food & Drug Administration	139,100	0	139,100	0
Health Care Financing Administration	68,700	0	68,700	0
Health Resources & Services Administration	10,549	1,274	9,275	0
National Institutes of Health 5/	9,771,137	5,882,225	2,716,376	1,172,536
Office of the Assistant Secretary for Health	1,000	0	0	1,000
Office of the Secretary	8,047	0	8,047	0
Social Security Administration	40,100	0	40,100	0

See explanatory information, if any, and SOURCE at end of table.

Table 5. Estimated Federal obligations for total research and development, by agency and character of work: fiscal year 1993

[Dollars in thousands]

Agency and subdivision	Total	Research		Development
		Basic	Applied	
Department of Housing & Urban Development	26,425	0	9,390	17,035
Department of the Interior, total	612,191	229,346	343,810	39,035
Bureau of Land Management	8,925	637	7,365	923
Bureau of Mines	116,138	45,551	63,282	7,305
Bureau of Reclamation	9,700	0	7,300	2,400
Geological Survey	355,013	176,958	165,248	12,807
Minerals Management Service	5,015	0	5,015	0
National Park Service	32,000	0	32,000	0
Office of the Secretary	900	0	200	700
Office of Surface Mining Reclamation & Enforcement	400	0	400	0
United States Fish & Wildlife Service	84,100	6,200	63,000	14,900
Department of Justice, total	45,898	3,673	14,768	27,457
Bureau of Prisons 6/	6,100	0	2,500	3,600
Drug Enforcement Administration	800	0	0	800
Federal Bureau of Investigation	10,670	0	0	10,670
Immigration & Naturalization Service	400	0	400	0
Office of Justice Programs	27,928	3,673	11,868	12,387
Department of Labor, total	65,259	220	19,871	45,168
Bureau of Labor Statistics	6,900	0	6,900	0
Employment & Training Administration	45,704	100	3,249	42,355
Occupational Safety & Health Administration	3,737	0	3,737	0
Office of the Secretary	5,540	0	2,832	2,708
Pension Benefit Guaranty Corporation	798	120	573	105
Pension & Welfare Benefits Administration	2,580	0	2,580	0
Department of State	5,368	4,872	496	0
Department of Transportation, total	747,431	3,510	330,412	413,509
Coast Guard	35,415	0	8,854	26,561
Federal Aviation Administration	270,161	0	68,681	201,480
Federal Highway Administration	334,674	3,510	186,093	145,071
Federal Railroad Administration	36,182	0	25,881	10,301
Federal Transit Administration 7/	30,000	0	6,000	24,000
Maritime Administration	1,734	0	1,734	0
National Highway Traffic Safety Administration	31,611	0	31,611	0
Office of the Secretary	5,270	0	645	4,625
Research & Special Programs Administration	2,384	0	913	1,471
Department of the Treasury, total	16,616	5,825	5,145	5,646
Bureau of Engraving & Printing	3,652	0	3,652	0
Financial Crimes Enforcement Network	1,519	0	0	1,519
Internal Revenue Service 8/	5,825	5,825	0	0
Office of Thrift Supervision 9/	829	0	829	0
United States Customs Service	3,175	0	100	3,075
United States Mint	1,052	0	0	1,052
United States Secret Service 10/	564	0	564	0
Department of Veterans Affairs	242,700	14,200	190,200	38,300

See explanatory information, if any, and SOURCE at end of table.

Table 5. Estimated Federal obligations for total research and development, by agency and character of work: fiscal year 1993

[Dollars in thousands]

Agency and subdivision	Total	Research		Development
		Basic	Applied	
Other agencies:				
Advisory Commission on Intergovernmental Relations	2,483	0	2,483	0
Agency for International Development	381,038	6,652	283,169	91,217
Appalachian Regional Commission	900	0	900	0
Consumer Product Safety Commission	1,263	0	850	413
Environmental Protection Agency	520,700	114,400	327,400	78,900
Federal Communications Commission	1,838	0	1,838	0
Federal Trade Commission	848	0	848	0
Library of Congress	10,199	489	1,587	8,123
National Aeronautics & Space Administration	8,190,257	1,952,333	1,605,998	4,631,926
National Archives & Records Administration	320	150	140	30
National Science Foundation	2,072,617	1,921,436	151,181	0
Nuclear Regulatory Commission	119,678	0	119,678	0
Smithsonian Institution	99,999	99,999	0	0
Tennessee Valley Authority	106,410	2,063	23,277	81,070
United States Arms Control & Disarmament Agency	1,000	0	1,000	0
United States Information Agency	1,200	0	1,200	0
United States International Trade Commission	12,533	0	12,533	0

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

3/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

4/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

5/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

6/ Formerly listed as Federal Prison System

7/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

8/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

9/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

10/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table 6. Estimated Federal obligations for total research and development, by agency and character of work: fiscal year 1994

[Dollars in thousands]

Agency and subdivision	Total	Research		Development
		Basic	Applied	
Total, all agencies	71,243,656	14,346,088	13,777,715	43,119,853
Departments:				
Department of Agriculture, total	1,367,876	630,980	668,822	68,074
Agricultural Cooperative Service	3,576	0	3,576	0
Agricultural Marketing Service 1/	4,898	0	4,272	626
Agricultural Research Service	640,179	334,803	261,053	44,323
Animal & Plant Health Inspection Service	16,725	0	0	16,725
Cooperative State Research Service	416,452	204,883	211,569	0
Economic Research Service	51,461	7,205	44,256	0
Federal Grain Inspection Service	1,000	0	1,000	0
Forest Service	215,200	81,700	127,100	6,400
Human Nutrition Information Service	13,142	0	13,142	0
National Agricultural Statistics Service	3,665	1,206	2,459	0
Office of International Cooperation & Development	1,578	1,183	395	0
Department of Commerce, total	896,778	40,437	702,778	153,563
Bureau of the Census	5,244	330	2,771	2,143
Economic Development Administration	500	0	500	0
National Institute of Standards & Technology	381,589	40,107	225,429	116,053
National Oceanic & Atmospheric Administration	504,220	0	468,853	35,367
National Telecommunications & Information Admin	5,225	0	5,225	0
Department of Defense, total	37,522,872	1,236,749	3,179,155	33,106,968
Department of the Army	5,608,288	210,415	631,358	4,766,515
Department of the Navy	9,370,000	433,000	536,000	8,401,000
Department of the Air Force	13,994,300	246,000	766,400	12,981,900
Defense agencies	8,267,084	347,334	1,245,397	6,674,353
Operational Test & Evaluation, Director	12,600	0	0	12,600
Test & Evaluation, Deputy Under Secretary Defense	270,600	0	0	270,600
Department of Education	185,556	11,057	131,530	42,969
Department of Energy	6,581,938	1,781,782	1,731,424	3,068,732
Department of Health & Human Services, total	10,722,502	6,066,460	3,417,884	1,238,158
Administration on Aging 2/	20,309	0	2,474	17,835
Administration for Children & Families 2/ 3/	18,543	0	17,419	1,124
Agency for Health Care Policy & Research 4/	144,831	0	135,645	9,186
Centers for Disease Control	183,053	0	183,053	0
Food & Drug Administration	151,200	0	151,200	0
Health Care Financing Administration	68,600	0	68,600	0
Health Resources & Services Administration	10,892	1,246	9,646	0
National Institutes of Health 5/	10,075,106	6,065,214	2,800,879	1,209,013
Office of the Assistant Secretary for Health	7,000	0	6,000	1,000
Office of the Secretary	15,868	0	15,868	0
Social Security Administration	27,100	0	27,100	0

See explanatory information, if any, and SOURCE at end of table.

Table 6. Estimated Federal obligations for total research and development, by agency and character of work: fiscal year 1994

[Dollars in thousands]

Agency and subdivision	Total	Research		Development
		Basic	Applied	
Department of Housing & Urban Development	35,450	0	12,776	22,674
Department of the Interior, total	588,502	213,412	331,561	43,529
Bureau of Land Management	7,338	637	5,826	875
Bureau of Mines	90,785	29,037	55,469	6,279
Bureau of Reclamation	7,600	0	6,600	1,000
Geological Survey	361,855	176,138	173,742	11,975
Minerals Management Service	5,024	0	5,024	0
National Park Service	7,700	0	7,700	0
Office of the Secretary	900	0	200	700
United States Fish & Wildlife Service	107,300	7,600	77,000	22,700
Department of Justice, total	45,811	3,397	14,028	28,386
Bureau of Prisons 6/	6,000	0	2,500	3,500
Drug Enforcement Administration	1,800	0	0	1,800
Federal Bureau of Investigation	10,716	0	0	10,716
Immigration & Naturalization Service	400	0	400	0
Office of Justice Programs	26,895	3,397	11,128	12,370
Department of Labor, total	65,617	230	20,483	44,904
Bureau of Labor Statistics	7,000	0	7,000	0
Employment & Training Administration	45,704	100	3,249	42,355
Occupational Safety & Health Administration	3,765	0	3,765	0
Office of the Secretary	5,531	0	3,323	2,208
Pension Benefit Guaranty Corporation	1,037	130	566	341
Pension & Welfare Benefits Administration	2,580	0	2,580	0
Department of State	5,383	4,875	508	0
Department of Transportation, total	687,784	2,340	278,897	406,547
Coast Guard	24,589	0	6,147	18,442
Federal Aviation Administration	272,109	0	75,146	196,963
Federal Highway Administration	263,663	2,340	147,364	113,959
Federal Railroad Administration	61,066	0	13,999	47,067
Federal Transit Administration 7/	30,000	0	6,000	24,000
Maritime Administration	1,741	0	1,741	0
National Highway Traffic Safety Administration	26,978	0	26,978	0
Office of the Secretary	4,578	0	772	3,806
Research & Special Programs Administration	3,060	0	750	2,310
Department of the Treasury, total	27,742	14,312	7,146	6,284
Bureau of Engraving & Printing	5,025	0	5,025	0
Financial Crimes Enforcement Network	1,884	0	0	1,884
Internal Revenue Service 8/	14,312	14,312	0	0
Office of Thrift Supervision 9/	854	0	854	0
United States Customs Service	4,900	0	650	4,250
United States Mint	150	0	0	150
United States Secret Service 10/	617	0	617	0
Department of Veterans Affairs	206,000	11,900	161,800	32,300

See explanatory information, if any, and SOURCE at end of table.

Table 6. Estimated Federal obligations for total research and development, by agency and character of work: fiscal year 1994

[Dollars in thousands]

Agency and subdivision	Total	Research		Development
		Basic	Applied	
Other agencies:				
Advisory Commission on Intergovernmental Relations	1,939	0	1,939	0
Agency for International Development	421,639	5,711	277,152	138,776
Appalachian Regional Commission	900	0	900	0
Consumer Product Safety Commission	380	0	147	233
Environmental Protection Agency	655,900	180,000	396,900	79,000
Federal Communications Commission	1,745	0	1,745	0
Federal Trade Commission	876	0	876	0
Library of Congress	10,230	501	1,605	8,124
National Aeronautics & Space Administration	8,636,955	1,991,324	2,104,741	4,540,890
National Archives & Records Administration	310	150	130	30
National Science Foundation	2,216,967	2,047,491	169,476	0
Nuclear Regulatory Commission	122,094	0	122,094	0
Smithsonian Institution	100,900	100,900	0	0
Tennessee Valley Authority	117,063	2,080	25,271	89,712
United States Arms Control & Disarmament Agency	1,000	0	1,000	0
United States Information Agency	656	0	656	0
United States International Trade Commission	14,291	0	14,291	0

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

3/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

4/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

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NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table 7. Federal obligations for total research and development, by agency and performer: fiscal year 1992

[Dollars in millions]

Agency and subdivision	Total	Intra-mural 1/	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other non-profit insti-tutions	FFRDCs admin by non-profit insti-tutions	State and local govts	
Total, all agencies	65,592.6	15,690.1	29,744.8	2,009.8	10,271.2	3,855.5	2,803.6	745.6	184.1	287.9
Departments:										
Department of Agriculture, total	1,327.1	862.2	8.4	-	438.0	.0	11.6	.0	2.0	5.0
Agricultural Cooperative Service	3.4	3.1	.0	.0	.3	.0	.0	.0	.0	.0
Agricultural Marketing Service 2/	4.7	4.6	.0	.0	.2	.0	.0	.0	.0	.0
Agricultural Research Service	627.1	595.2	.0	.0	23.0	.0	3.8	.0	.2	4.9
Animal & Plant Health Inspection Service	16.7	16.5	.0	.0	.2	.0	.0	.0	.0	.0
Cooperative State Research Svc	418.2	20.7	5.7	.0	383.9	.0	6.8	.0	1.2	.0
Economic Research Service	58.9	56.7	.0	.0	2.2	.0	.0	.0	.0	.0
Federal Grain Inspection Service	1.5	1.2	.0	.0	.3	.0	.0	.0	.0	.0
Forest Service	180.7	151.1	1.5	.0	26.4	.0	1.0	.0	.6	.1
Human Nutrition Information Svc	10.7	8.6	1.2	.0	.9	.0	.0	.0	.0	.0
Nat'l Agricultural Statistics Svc	3.6	3.5	.0	-	.1	.0	.0	.0	.0	.0
Office of International Cooperation & Development	1.5	1.2	.0	.0	.4	.0	.0	.0	.0	.0
Department of Commerce, total	651.2	512.3	46.3	.0	77.1	.2	6.8	.3	8.1	-
Bureau of the Census	5.3	4.7	.0	.0	.7	.0	.0	.0	.0	.0
Economic Development Admin	.5	.2	.0	.0	.2	.0	.1	.0	.0	.0
National Institute of Standards & Technology	179.0	133.2	32.7	.0	6.0	.2	6.6	.3	.0	-
National Oceanic & Atmospheric Administration	462.4	370.3	13.6	.0	70.2	.0	.1	.0	8.1	-
National Telecommunications & Information Administration	4.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0
Department of Defense, research 3/	4,073.4	1,510.1	1,439.5	37.6	912.3	70.3	73.7	12.3	.2	17.4
Department of Defense, development 3/	32,056.1	7,091.2	22,668.0	297.6	490.4	598.0	260.8	521.2	2.8	126.0
Department of the Army research and development (R&D)	6,854.2	2,715.7	3,671.0	21.3	130.0	193.3	70.3	35.0	-	17.6
Department of the Navy R&D	8,030.8	3,065.7	4,190.1	153.6	451.4	9.6	69.5	61.9	.0	29.0
Department of the Air Force R&D	13,427.1	1,115.8	11,786.8	9.2	154.5	42.6	23.3	287.7	.2	7.1
Defense agencies R&D	7,571.7	1,603.0	4,341.0	151.3	664.0	421.7	169.7	131.7	2.1	87.2
Operational Test & Evaluation R&D, Director	12.4	1.3	.0	.0	.0	.0	.2	11.0	.0	.0
Test & Evaluation R&D, Deputy Under Secretary Defense	233.2	99.8	118.5	.0	2.8	1.2	1.6	6.2	.6	2.6
Department of Education	168.5	11.0	8.8	.0	104.6	.0	42.5	.0	1.6	.0
Department of Energy	6,172.2	335.5	1,026.0	1,606.5	640.4	2,227.1	152.4	162.6	18.9	2.8
Dept of Health & Human Svcs, total	8,987.8	1,783.0	377.4	17.1	5,188.0	22.7	1,440.0	17.4	89.8	52.4
Administration on Aging 4/	20.2	.8	.0	.0	1.5	.0	10.1	.0	7.9	.0
Admin for Children & Families 4/ 5/	39.2	1.2	3.5	.0	5.3	.0	26.5	.0	2.6	.0
Agency for Health Care Policy & Research 6/	106.3	26.2	14.3	.0	48.5	.0	17.1	.0	.0	.1
Centers for Disease Control	146.9	74.7	5.5	.0	43.5	.0	22.9	.0	.3	.0
Food & Drug Administration	135.7	121.9	.0	.0	9.3	.0	4.3	.0	.2	.0
Health Care Financing Admin	75.5	.1	15.6	.0	7.2	.0	35.8	.0	16.6	.1
Health Resources & Svcs Admin	10.1	3.0	.0	.0	5.7	.0	1.5	.0	.0	.0
National Institutes of Health 7/	8,409.2	1,527.7	333.7	17.1	5,063.6	22.7	1,314.4	17.4	60.4	52.2
Office of the Assistant Secretary for Health	6.7	6.0	.0	.0	.5	.0	.1	.0	.0	.0
Office of the Secretary	5.0	.9	1.1	.0	1.0	.0	1.0	.0	1.1	.0
Social Security Administration	33.0	20.6	3.6	.0	1.8	.0	6.4	.0	.7	.0

See explanatory information, if any, and SOURCE at end of table.

Table 7. Federal obligations for total research and development, by agency and performer: fiscal year 1992

[Dollars in millions]

Agency and subdivision	Total	Intra-mural 1/	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other non-profit insti-tutions	FFRDCs admin by non-profit insti-tutions	State and local govts	
Department of Housing & Urban Dvlpmt	25.1	16.2	3.7	.0	0.2	.0	5.1	.0	.0	.0
Department of the Interior, total	609.2	513.2	29.2	3.1	57.4	.0	1.0	.0	3.7	1.5
Bureau of Land Management	6.3	3.6	.0	.0	2.7	.0	.0	.0	.0	.0
Bureau of Mines	107.1	79.2	13.7	3.1	11.1	.0	.0	.0	.0	.0
Bureau of Reclamation	13.2	12.1	.0	.0	.9	.0	.2	.0	.0	.0
Geological Survey	361.4	319.9	14.4	.0	22.6	.0	.6	.0	3.7	.1
Minerals Management Service	3.8	1.7	.3	.1	.3	.0	-	.0	.0	1.4
National Park Service	31.1	19.0	.0	.0	12.0	.0	.1	.0	.0	.0
Office of the Secretary	.9	.1	.8	.0	.0	.0	.0	.0	.0	.0
Office of Surface Mining Reclamation & Enforcement	.3	-	.0	.0	.3	.0	.0	.0	.0	.0
US Fish & Wildlife Service	85.1	77.6	.0	.0	7.5	.0	.0	.0	.0	.0
Department of Justice, total	48.0	15.7	8.0	.2	5.0	.0	13.4	.0	5.7	.0
Bureau of Prisons 8/	5.9	2.7	.1	.0	.0	.0	.5	.0	2.7	.0
Drug Enforcement Administration	1.4	.4	.8	.2	.0	.0	.0	.0	.0	.0
Federal Bureau of Investigation	10.9	10.9	.0	.0	.0	.0	.0	.0	.0	.0
Immigration & Naturalization Svc	.4	-	.0	.0	.0	.0	.4	.0	.0	.0
Office of Justice Programs	29.4	1.7	7.2	.0	5.0	.0	12.6	.0	3.0	.0
Department of Labor, total	51.7	14.1	11.8	.0	1.2	.0	6.1	.0	18.6	.0
Bureau of Labor Statistics	7.6	7.6	.0	.0	.0	.0	.0	.0	.0	.0
Employment & Training Admin	31.7	2.5	4.6	.0	1.0	.0	5.1	.0	18.5	.0
Occupational Safety & Health Administration	3.1	1.1	1.9	.0	.0	.0	.0	.0	.0	.0
Office of the Secretary	5.9	1.9	2.7	.0	.2	.0	1.0	.0	-	.0
Pension Benefit Guaranty Corp	.9	.3	.6	.0	.0	.0	.0	.0	.0	.0
Pension & Welfare Benefit Admin	2.6	.7	1.9	.0	.0	.0	.0	.0	.0	.0
Department of State	5.6	.4	.1	.0	.2	.0	4.9	.0	.0	.0
Department of Transportation, total	445.0	247.3	117.7	2.7	35.0	.0	12.0	17.5	12.2	.6
Coast Guard	20.1	14.2	5.1	.0	.7	.0	.0	.0	.0	.0
Federal Aviation Administration	236.2	189.1	22.0	.0	7.5	.0	.0	17.5	.0	.0
Federal Highway Administration	130.2	13.0	75.3	1.7	22.6	.0	6.7	.0	10.6	.4
Federal Railroad Administration	22.7	12.0	5.7	.0	.2	.0	3.3	.0	1.5	.0
Federal Transit Administration 9/	1.7	.9	.0	.0	.8	.0	.0	.0	.0	.0
Maritime Administration	1.8	1.1	.6	.0	.1	.0	.0	.0	.0	.0
National Highway Traffic Safety Administration	25.8	12.2	7.3	.9	3.0	.0	2.0	.0	.2	.2
Office of the Secretary	4.1	2.9	1.2	.0	.0	.0	.0	.0	.0	.0
Research & Special Programs Administration	2.5	1.8	.5	.0	.2	.0	.0	.0	.0	.0
Department of the Treasury, total	24.6	16.3	8.2	.0	.0	0.1	.0	.0	.0	.0
Bureau of Engraving & Printing	2.0	1.9	.0	.0	.0	.1	.0	.0	.0	.0
Financial Crimes Enforcement Network	1.2	1.2	.0	.0	.0	.0	.0	.0	.0	.0
Internal Revenue Service 10/	17.9	11.9	5.9	.0	.0	.0	.0	.0	.0	.0
Office of Thrift Supervision 11/	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0
United States Customs Service	2.2	.3	2.0	.0	.0	.0	.0	.0	.0	.0
United States Secret Service 12/	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0
Department of Veterans Affairs	223.9	221.4	.0	.0	2.5	.0	.0	.0	.0	.0

See explanatory information, if any, and SOURCE at end of table.

Table 7. Federal obligations for total research and development, by agency and performer: fiscal year 1992

[Dollars in millions]

Agency and subdivision	Total	Intra-mural 1/	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other non-profit insti-tutions	FFRDCs admin by non-profit insti-tutions	State and local govts	
Other agencies:										
Advisory Commission on Intergovernmental Relations	1.7	1.7	.0	.0	.0	.0	.0	.0	.0	.0
Agency for International Development	365.9	10.5	25.9	.0	33.0	.0	254.3	.0	.0	42.3
Appalachian Regional Commission	1.9	-	1.8	.0	.1	.0	.0	.0	.1	.0
Consumer Product Safety Commission	1.1	1.1	.1	.0	.0	.0	.0	.0	.0	.0
Environmental Protection Agency	483.9	87.6	146.2	.0	151.8	.2	85.1	.0	12.9	.0
Federal Communications Commission	1.6	1.6	.0	.0	.0	.0	.0	.0	.0	.0
Federal Trade Commission	1.3	1.3	.0	.0	.0	.0	.0	.0	.0	.0
Library of Congress	10.3	10.3	.0	.0	.0	.0	.0	.0	.0	.0
National Aeronautics & Space Admin	7,657.6	2,210.3	3,765.0	.0	586.3	791.0	265.2	2.2	5.0	32.6
National Archives & Records Admin	.7	.7	.0	.0	.0	.0	.0	.0	.0	.0
National Science Foundation	1,868.4	10.9	14.1	.4	1,540.4	124.3	141.4	.3	2.7	3.8
Nuclear Regulatory Commission	119.0	22.2	7.4	44.3	5.9	21.5	2.7	11.6	.0	3.4
Smithsonian Institution	98.0	98.0	.0	.0	.0	.0	.0	.0	.0	.0
Tennessee Valley Authority	97.3	71.3	.0	.0	1.5	.0	24.5	.0	.0	.0
US Arms Control & Disarmament Agency	2.1	.3	1.3	.1	.1	.1	.0	.3	.0	.0
US International Trade Commission	12.3	12.3	.0	.0	.0	.0	.0	.0	.0	.0

1/ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

2/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

3/ Beginning with Volume XL, Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at off-campus, university-affiliated laboratories that are not involved in teaching.

4/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

5/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

6/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

7/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

8/ Formerly listed as Federal Prison System

9/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

10/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

11/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

12/ Formerly listed as Office of Protective Research

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers
- = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table 8. Estimated Federal obligations for total research and development, by agency and performer: fiscal year 1993

[Dollars in millions]

Agency and subdivision	Total	Intra-mural 1/	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other non-profit insti-tutions	FFRDCs admin by non-profit insti-tutions	State and local govts	
Total, all agencies	71,445.1	17,199.4	33,394.5	1,309.7	11,335.9	3,494.7	3,359.5	823.0	254.3	274.0
Departments:										
Department of Agriculture, total	1,330.6	868.3	8.2	-	436.2	.0	12.2	.0	2.0	3.6
Agricultural Cooperative Service	3.5	3.0	.0	.0	.5	.0	.0	.0	.0	.0
Agricultural Marketing Service 2/	4.9	4.9	.0	.0	.0	.0	.0	.0	.0	.0
Agricultural Research Service	626.2	595.5	.0	.0	23.2	.0	3.8	.0	.2	3.6
Animal & Plant Health Inspection Service	16.8	16.4	.0	.0	.4	.0	.0	.0	.0	.0
Cooperative State Research Svc	418.6	20.7	6.7	.0	383.3	.0	6.8	.0	1.2	.0
Economic Research Service	58.9	58.1	.0	.0	.8	.0	.0	.0	.0	.0
Federal Grain Inspection Service	1.2	1.1	.0	.0	.1	.0	.0	.0	.0	.0
Forest Service	186.7	156.4	1.5	.0	27.1	.0	1.0	.0	.6	.1
Human Nutrition Information Svc	8.5	7.3	-	.0	.6	.0	.6	.0	.0	.0
Nat'l Agricultural Statistics Svc	3.6	3.4	.0	-	.2	.0	.0	.0	.0	.0
Office of International Cooperation & Development	1.5	1.4	.0	.0	.2	.0	.0	.0	.0	.0
Department of Commerce, total	736.0	559.7	92.3	.0	69.9	.9	7.1	.3	5.8	-
Bureau of the Census	5.1	5.1	.0	.0	.0	.0	.0	.0	.0	.0
National Institute of Standards & Technology	261.2	175.0	73.9	.0	5.0	.2	7.0	.3	.0	-
National Oceanic & Atmospheric Administration	465.5	375.5	18.4	.0	65.0	.7	.1	.0	5.8	.0
National Telecommunications & Information Administration	4.1	4.1	.0	.0	.0	.0	.0	.0	.0	.0
Department of Defense, research 3/	4,875.7	1,765.1	1,794.7	36.2	1,080.3	98.7	69.4	12.3	.2	19.0
Department of Defense, development 3/	34,111.1	7,612.9	24,372.6	145.4	435.7	387.8	471.0	567.2	2.9	115.6
Department of the Army research and development (R&D)	6,403.6	2,878.5	3,141.9	42.4	128.5	113.7	56.1	35.0	-	7.5
Department of the Navy R&D	10,206.0	3,105.5	6,454.8	4.7	450.2	10.1	100.2	51.2	.0	29.4
Department of the Air Force R&D	13,889.0	1,116.9	12,125.1	8.9	194.6	51.0	36.6	348.0	.2	7.7
Defense agencies R&D	8,234.6	2,175.5	4,313.6	125.1	740.0	311.2	347.4	130.1	1.6	90.0
Operational Test & Evaluation R&D, Director	12.0	.7	.0	.0	.0	.0	.0	11.3	.0	.0
Test & Evaluation R&D, Deputy Under Secretary Defense	241.6	100.8	131.8	.4	2.8	.5	.0	3.9	1.3	.0
Department of Education	176.7	11.1	8.4	.0	107.7	.0	47.9	.0	1.6	.0
Department of Energy	6,586.1	442.6	1,957.9	1,051.1	571.9	2,191.6	149.3	199.0	19.6	3.0
Dept of Health & Human Svcs, total	10,343.7	2,072.9	425.9	20.4	5,925.9	27.1	1,691.4	20.8	97.0	62.3
Administration on Aging 4/	19.7	.8	.0	.0	1.5	.0	10.1	.0	7.3	.0
Admin for Children & Families 4/ 5/	21.1	.5	1.5	.0	2.6	.0	14.9	.0	1.5	.0
Agency for Health Care Policy & Research 6/	114.8	31.0	3.2	.0	52.8	.0	27.8	.0	.0	.0
Centers for Disease Control	149.5	74.0	5.5	.0	45.7	.0	24.1	.0	.3	.0
Food & Drug Administration	139.1	125.1	.0	.0	9.4	.0	4.4	.0	.2	.0
Health Care Financing Admin	68.7	.8	14.4	.0	6.9	.0	32.4	.0	14.0	.2
Health Resources & Svcs Admin	10.5	3.4	.0	.0	5.7	.0	1.5	.0	.0	.0
National Institutes of Health 7/	9,771.1	1,810.1	397.4	20.4	5,795.5	27.1	1,565.9	20.8	71.8	62.2
Office of the Assistant Secretary for Health	1.0	.1	.0	.0	.7	.0	.2	.0	.0	.0
Office of the Secretary	8.0	1.5	1.0	.0	4.0	.0	1.5	.0	-	.0
Social Security Administration	40.1	25.6	3.0	.0	1.1	.0	8.7	.0	1.7	.0

See explanatory information, if any, and SOURCE at end of table.

Table 8. Estimated Federal obligations for total research and development, by agency and performer: fiscal year 1993

[Dollars in millions]

Agency and subdivision	Total	Intra-mural 1/	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other non-profit insti-tutions	FFRDCs admin by non-profit insti-tutions	State and local govts	
Department of Housing & Urban Dvlpmt	26.4	15.9	6.2	.0	0.4	.0	4.0	.0	.0	.0
Department of the Interior, total	612.2	516.2	34.8	2.2	54.0	.0	1.2	.0	2.8	1.0
Bureau of Land Management	8.9	5.3	.0	.0	3.7	.0	.0	.0	.0	.0
Bureau of Mines	116.1	80.6	21.9	2.0	11.6	.0	.0	.0	.0	.0
Bureau of Reclamation	9.7	9.0	.0	.0	.6	.0	.1	.0	.0	.0
Geological Survey	355.0	321.1	11.5	.0	18.7	.0	.9	.0	2.8	.1
Minerals Management Service	5.0	1.8	.6	.2	1.6	.0	.0	.0	.0	.9
National Park Service	32.0	21.8	.0	.0	10.0	.0	.3	.0	.0	.0
Office of the Secretary	.9	.1	.8	.0	.0	.0	.0	.0	.0	.0
Office of Surface Mining Reclamation & Enforcement	.4	-	.0	.0	.4	.0	.0	.0	.0	.0
US Fish & Wildlife Service	84.1	76.6	.0	.0	7.5	.0	.0	.0	.0	.0
Department of Justice, total	45.9	14.2	7.4	.1	3.5	.0	16.0	.0	4.7	.0
Bureau of Prisons 8/	6.1	2.5	.0	.0	.1	.0	.5	.0	3.0	.0
Drug Enforcement Administration	.8	-	.7	.1	.0	.0	.0	.0	.0	.0
Federal Bureau of Investigation	10.7	10.7	.0	.0	.0	.0	.0	.0	.0	.0
Immigration & Naturalization Svc	.4	-	.0	.0	.0	.0	.4	.0	.0	.0
Office of Justice Programs	27.9	.9	6.7	.0	3.4	.0	15.2	.0	1.7	.0
Department of Labor, total	65.3	13.2	13.2	.0	.6	.0	5.1	.0	33.2	.0
Bureau of Labor Statistics	6.9	6.9	.0	.0	.0	.0	.0	.0	.0	.0
Employment & Training Admin	45.7	1.6	6.0	.0	.5	.0	4.4	.0	33.2	.0
Occupational Safety & Health Administration	3.7	1.2	2.5	.0	.0	.0	.0	.0	.0	.0
Office of the Secretary	5.5	2.5	2.2	.0	.1	.0	.7	.0	-	.0
Pension Benefit Guaranty Corp	.8	.2	.6	.0	.0	.0	.0	.0	.0	.0
Pension & Welfare Benefit Admin	2.6	.7	1.9	.0	.0	.0	.0	.0	.0	.0
Department of State	5.4	.4	.1	.0	.0	.0	4.9	.0	.0	.0
Department of Transportation, total	747.4	286.7	255.8	12.8	57.8	.0	80.5	7.2	46.1	.7
Coast Guard	35.4	25.1	9.6	.0	.7	.0	.0	.0	.0	.0
Federal Aviation Administration	270.2	198.2	57.4	.0	7.4	.0	.0	7.2	.0	.0
Federal Highway Administration	334.7	26.7	160.4	12.6	39.9	.0	72.9	.0	21.8	.5
Federal Railroad Administration	36.2	13.6	15.6	.0	.1	.0	5.4	.0	1.5	.0
Federal Transit Administration 9/	30.0	1.0	.0	.0	6.4	.0	.0	.0	22.6	.0
Maritime Administration	1.7	1.0	.7	.0	.1	.0	.0	.0	.0	.0
National Highway Traffic Safety Administration	31.6	15.2	10.7	.2	3.0	.0	2.2	.0	.2	.2
Office of the Secretary	5.3	4.3	1.0	.0	.0	.0	.0	.0	.0	.0
Research & Special Programs Administration	2.4	1.7	.5	.0	.2	.0	.0	.0	.0	.0
Department of the Treasury, total	16.6	10.3	4.2	.0	.0	0.1	.0	1.9	.0	.0
Bureau of Engraving & Printing	3.7	3.5	.0	.0	.0	.1	.0	.0	.0	.0
Financial Crimes Enforcement Network	1.5	1.5	.0	.0	.0	.0	.0	.0	.0	.0
Internal Revenue Service 10/	5.8	3.9	.0	.0	.0	.0	.0	1.9	.0	.0
Office of Thrift Supervision 11/	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0
United States Customs Service	3.2	.3	2.9	.0	.0	.0	.0	.0	.0	.0
United States Mint	1.1	.1	1.0	.0	.0	.0	.0	.0	.0	.0
United States Secret Service 12/	.6	.2	.3	.0	.0	.0	.0	.0	.0	.0
Department of Veterans Affairs	242.7	240.2	.0	.0	2.6	.0	.0	.0	.0	.0

See explanatory information, if any, and SOURCE at end of table.

Table 8. Estimated Federal obligations for total research and development, by agency and performer: fiscal year 1993

[Dollars in millions]

Agency and subdivision	Total	Intra-mural 1/	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other non-profit insti-tutions	FFRDCs admin by non-profit insti-tutions	State and local govts	
Other agencies:										
Advisory Commission on Intergovernmental Relations	2.5	2.5	.0	.0	.0	.0	.0	.0	.0	.0
Agency for International Development	381.0	10.5	23.4	.0	27.7	.0	289.2	.0	.0	30.2
Appalachian Regional Commission	.9	.4	.0	.0	.2	.0	.0	.0	.4	.0
Consumer Product Safety Commission	1.3	1.1	.1	.0	.0	.0	.0	.0	.0	.0
Environmental Protection Agency	520.7	112.6	213.7	.0	124.3	.2	39.6	.0	30.3	.0
Federal Communications Commission	1.8	1.8	.0	.0	.0	.0	.0	.0	.0	.0
Federal Trade Commission	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0
Library of Congress	10.2	10.2	.0	.0	.0	.0	.0	.0	.0	.0
National Aeronautics & Space Admin	8,190.3	2,397.1	4,102.2	.0	726.0	641.5	283.6	2.2	5.0	32.6
National Archives & Records Admin	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0
National Science Foundation	2,072.6	15.9	56.0	.4	1,705.1	128.5	159.6	.2	2.8	4.1
Nuclear Regulatory Commission	119.7	22.5	16.7	41.0	4.7	18.3	2.5	12.0	.0	2.0
Smithsonian Institution	100.0	100.0	.0	.0	.0	.0	.0	.0	.0	.0
Tennessee Valley Authority	106.4	80.0	.0	.0	1.5	.0	24.9	.0	.0	.0
US Arms Control & Disarmament Agency	1.0	.2	.6	.1	-	.0	.0	.1	.0	.0
United States Information Agency	1.2	1.2	.0	.0	.0	.0	.0	.0	.0	.0
US International Trade Commission	12.5	12.5	.0	.0	.0	.0	.0	.0	.0	.0

1/ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

2/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

3/ Beginning with Volume XL, Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at off-campus, university-affiliated laboratories that are not involved in teaching.

4/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

5/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

6/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

7/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

8/ Formerly listed as Federal Prison System

9/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

10/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

11/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

12/ Formerly listed as Office of Protective Research

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers
- = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table 9. Estimated Federal obligations for total research and development, by agency and performer: fiscal year 1994

[Dollars in millions]

Agency and subdivision	Total	Intra-mural 1/	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other non-profit insti-tutions	FFRDCs admin by non-profit insti-tutions	State and local govts	
Total, all agencies	71,243.7	17,542.4	32,936.9	1,253.2	11,639.9	3,269.3	3,175.5	901.8	256.6	268.1
Departments:										
Department of Agriculture, total	1,367.9	900.7	12.3	-	441.5	.0	7.5	.0	2.2	3.7
Agricultural Cooperative Service	3.6	3.6	.0	.0	.0	.0	.0	.0	.0	.0
Agricultural Marketing Service 2/	4.9	4.9	.0	.0	.0	.0	.0	.0	.0	.0
Agricultural Research Service	640.2	609.3	.0	.0	23.2	.0	3.9	.0	.2	3.6
Animal & Plant Health Inspection Service	16.7	16.3	.0	.0	.4	.0	.0	.0	.0	.0
Cooperative State Research Svc	416.5	20.9	6.6	.0	385.2	.0	2.5	.0	1.2	.0
Economic Research Service	51.5	50.7	.0	.0	.8	.0	.0	.0	.0	.0
Federal Grain Inspection Service	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0
Forest Service	215.2	180.3	1.7	.0	31.2	.0	1.2	.0	.7	.1
Human Nutrition Information Svc	13.1	8.8	3.9	.0	.4	.0	.0	.0	.0	.0
Nat'l Agricultural Statistics Svc	3.7	3.5	.0	-	.2	.0	.0	.0	.0	.0
Office of International Cooperation & Development	1.6	1.4	.0	.0	.2	.0	.0	.0	.0	.0
Department of Commerce, total	896.8	653.9	142.9	.0	87.1	.7	6.7	.3	5.2	-
Bureau of the Census	5.2	5.2	.0	.0	.0	.0	.0	.0	.0	.0
Economic Development Admin	.5	.2	.0	.0	.2	.0	.1	.0	.0	.0
National Institute of Standards & Technology	381.6	244.3	123.5	.0	6.9	.2	6.5	.3	.0	-
National Oceanic & Atmospheric Administration	504.2	399.0	19.4	.0	80.1	.5	.1	.0	5.2	.0
National Telecommunications & Information Administration	5.2	5.2	.0	.0	.0	.0	.0	.0	.0	.0
Department of Defense, research 3/	4,415.9	1,514.8	1,609.5	12.8	1,090.5	98.9	64.9	7.5	.1	16.9
Department of Defense, development 3/	33,107.0	7,651.1	23,820.5	106.9	397.1	270.8	160.6	584.2	3.0	112.8
Department of the Army research and development (R&D)	5,608.3	2,596.7	2,721.5	15.0	124.8	65.6	42.2	34.1	.0	8.6
Department of the Navy R&D	9,370.0	3,019.6	5,794.1	1.1	424.3	6.5	30.0	62.1	.0	32.4
Department of the Air Force R&D	13,994.3	1,099.7	12,216.9	13.7	195.2	55.6	41.5	365.3	.1	6.2
Defense agencies R&D	8,267.1	2,341.9	4,547.5	89.9	737.9	239.9	111.8	114.0	1.6	82.6
Operational Test & Evaluation R&D, Director	12.6	1.0	.0	.0	.0	.0	.0	11.6	.0	.0
Test & Evaluation R&D, Deputy Under Secretary Defense	270.6	107.0	150.0	.0	5.5	2.1	.0	4.6	1.3	.0
Department of Education	185.6	10.9	12.2	.0	113.6	.5	46.4	.0	1.9	.0
Department of Energy	6,581.9	499.6	1,981.8	1,048.6	608.5	2,014.8	147.1	258.4	20.5	2.6
Dept of Health & Human Svcs, total	10,722.5	2,213.3	451.5	21.1	6,037.3	28.6	1,777.2	21.9	105.9	65.6
Administration on Aging 4/	20.3	.9	.0	.0	1.5	.0	10.1	.0	7.9	.0
Admin for Children & Families 4/ 5/	18.5	.5	1.5	.0	2.4	.0	13.4	.0	.8	.0
Agency for Health Care Policy & Research 6/	144.8	39.5	2.1	.0	67.8	.0	35.4	.0	.0	.0
Centers for Disease Control	183.1	104.0	5.5	.0	48.0	.0	25.3	.0	.3	.0
Food & Drug Administration	151.2	135.8	.0	.0	10.4	.0	4.8	.0	.3	.0
Health Care Financing Admin	68.6	.8	17.5	.0	9.8	.0	22.9	.0	17.6	.2
Health Resources & Svcs Admin	10.9	3.7	.0	.0	5.7	.0	1.5	.0	.0	.0
National Institutes of Health 7/	10,075.1	1,907.7	418.6	21.1	5,886.0	28.6	1,650.0	21.9	75.7	65.5
Office of the Assistant Secretary for Health	7.0	6.1	.0	.0	.7	.0	.2	.0	.0	.0
Office of the Secretary	15.9	3.0	2.5	.0	4.0	.0	4.9	.0	1.5	.0
Social Security Administration	27.1	11.4	3.9	.0	1.0	.0	8.9	.0	1.9	.0

See explanatory information, if any, and SOURCE at end of table.

Table 9. Estimated Federal obligations for total research and development, by agency and performer: fiscal year 1994

[Dollars in millions]

Agency and subdivision	Total	Intra-mural 1/	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other non-profit insti-tutions	FFRDCs admin by non-profit insti-tutions	State and local govts	
Department of Housing & Urban Dvlpmt	35.5	20.8	10.6	.0	0.4	.0	3.7	.0	.0	.0
Department of the Interior, total	588.5	517.1	35.3	0.1	30.6	0.4	.9	0.1	3.0	0.9
Bureau of Land Management	7.3	4.3	.0	.0	3.1	.0	.0	.0	.0	.0
Bureau of Mines	90.8	67.6	22.9	.0	.3	.0	.0	.0	.0	.0
Bureau of Reclamation	7.6	7.1	.0	.0	.0	.4	.0	.1	.0	.0
Geological Survey	361.9	332.1	10.8	.0	15.0	.0	.9	.0	3.0	.0
Minerals Management Service	5.0	1.8	.9	.1	1.3	.0	.0	.0	.0	.9
National Park Service	7.7	5.2	.0	.0	2.5	.0	.0	.0	.0	.0
Office of the Secretary	.9	.1	.8	.0	.0	.0	.0	.0	.0	.0
US Fish & Wildlife Service	107.3	98.9	.0	.0	8.4	.0	.0	.0	.0	.0
Department of Justice, total	45.8	14.6	7.6	.3	3.4	.0	15.3	.0	4.7	.0
Bureau of Prisons 8/	6.0	2.5	.0	.0	.0	.0	.5	.0	3.0	.0
Drug Enforcement Administration	1.8	.1	1.5	.3	.0	.0	.0	.0	.0	.0
Federal Bureau of Investigation	10.7	10.7	.0	.0	.0	.0	.0	.0	.0	.0
Immigration & Naturalization Svc	.4	-	.0	.0	.0	.0	.4	.0	.0	.0
Office of Justice Programs	26.9	1.3	6.2	.0	3.4	.0	14.4	.0	1.7	.0
Department of Labor, total	65.6	14.0	12.7	.0	.6	.0	5.1	.0	33.2	.0
Bureau of Labor Statistics	7.0	7.0	.0	.0	.0	.0	.0	.0	.0	.0
Employment & Training Admin	45.7	1.6	6.0	.0	.5	.0	4.4	.0	33.2	.0
Occupational Safety & Health Administration	3.8	1.3	2.5	.0	.0	.0	.0	.0	.0	.0
Office of the Secretary	5.5	3.0	1.7	.0	.1	.0	.7	.0	.0	.0
Pension Benefit Guaranty Corp	1.0	.5	.6	.0	.0	.0	.0	.0	.0	.0
Pension & Welfare Benefit Admin	2.6	.7	1.9	.0	.0	.0	.0	.0	.0	.0
Department of State	5.4	.4	.1	.0	.0	.0	4.9	.0	.0	.0
Department of Transportation, total	687.8	252.7	278.0	18.7	48.4	.0	51.1	8.3	29.9	.8
Coast Guard	24.6	17.5	6.6	.0	.5	.0	.0	.0	.0	.0
Federal Aviation Administration	272.1	179.9	76.5	.0	7.5	.0	.0	8.3	.0	.0
Federal Highway Administration	263.7	17.3	149.4	18.6	30.7	.0	40.1	.0	7.2	.5
Federal Railroad Administration	61.1	17.8	34.5	.0	.1	.0	8.6	.0	.0	.0
Federal Transit Administration 9/	30.0	1.0	.0	.0	6.5	.0	.0	.0	22.5	.0
Maritime Administration	1.7	.9	.7	.0	.1	.0	.0	.0	.0	.0
National Highway Traffic Safety Administration	27.0	12.7	8.2	.2	3.0	.0	2.4	.0	.2	.3
Office of the Secretary	4.6	3.3	1.3	.0	.0	.0	.0	.0	.0	.0
Research & Special Programs Administration	3.1	2.2	.8	.0	.0	.0	.0	.0	.0	.0
Department of the Treasury, total	27.7	17.9	4.9	.0	.0	.2	.0	4.7	.0	.0
Bureau of Engraving & Printing	5.0	4.9	.0	.0	.0	.2	.0	.0	.0	.0
Financial Crimes Enforcement Network	1.9	1.9	.0	.0	.0	.0	.0	.0	.0	.0
Internal Revenue Service 10/	14.3	9.6	.0	.0	.0	.0	.0	4.7	.0	.0
Office of Thrift Supervision 11/	.9	.9	.0	.0	.0	.0	.0	.0	.0	.0
United States Customs Service	4.9	.3	4.6	.0	.0	.0	.0	.0	.0	.0
United States Mint	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
United States Secret Service 12/	.6	.3	.3	.0	.0	.0	.0	.0	.0	.0
Department of Veterans Affairs	206.0	203.5	.0	.0	2.6	.0	.0	.0	.0	.0

See explanatory information, if any, and SOURCE at end of table.

Table 9. Estimated Federal obligations for total research and development, by agency and performer: fiscal year 1994

[Dollars in millions]

Agency and subdivision	Total	Intra-mural 1/	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other non-profit insti-tutions	FFRDCs admin by non-profit insti-tutions	State and local govts	
Other agencies:										
Advisory Commission on Intergovernmental Relations	1.9	1.9	.0	.0	.0	.0	.0	.0	.0	.0
Agency for International Development	421.6	8.6	20.1	.0	25.9	.0	341.8	.0	.0	25.3
Appalachian Regional Commission	.9	.1	.6	.0	.1	.0	.0	.0	.2	.0
Consumer Product Safety Commission	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0
Environmental Protection Agency	655.9	134.9	266.6	.0	169.1	.4	46.0	.0	38.9	.0
Federal Communications Commission	1.7	1.7	.0	.0	.0	.0	.0	.0	.0	.0
Federal Trade Commission	.9	.9	.0	.0	.0	.0	.0	.0	.0	.0
Library of Congress	10.2	10.2	.0	.0	.0	.0	.0	.0	.0	.0
National Aeronautics & Space Admin	8,637.0	2,652.7	4,194.2	.0	750.0	701.2	299.1	2.2	5.0	32.6
National Archives & Records Admin	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0
National Science Foundation	2,217.0	16.6	63.7	.5	1,828.1	130.3	170.3	.2	2.9	4.5
Nuclear Regulatory Commission	122.1	22.1	11.1	44.0	3.7	22.6	2.0	14.1	.0	2.4
Smithsonian Institution	100.9	100.9	.0	.0	.0	.0	.0	.0	.0	.0
Tennessee Valley Authority	117.1	90.6	.0	.0	1.5	.0	25.0	.0	.0	.0
US Arms Control & Disarmament Agency	1.0	.2	.6	.1	-	.0	.0	.1	.0	.0
United States Information Agency	.7	.7	.0	.0	.0	.0	.0	.0	.0	.0
US International Trade Commission	14.3	14.3	.0	.0	.0	.0	.0	.0	.0	.0

1/ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance

2/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

3/ Beginning with Volume XL, Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at off-campus, university-affiliated laboratories that are not involved in teaching.

4/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

5/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

6/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

7/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

8/ Formerly listed as Federal Prison System

9/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

10/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

11/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

12/ Formerly listed as Office of Protective Research

NOTES: Because of rounding, detail may not add to totals.

Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers
- = Amount less than 50 thousand dollars

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table 10. Federal obligations for research, by agency and field of science and engineering: fiscal year 1992

[Dollars in thousands]

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Total, all agencies	24,490,598	9,910,481	298,129	4,439,162	2,207,616	1,160,294	4,976,967	689,699	808,250
Departments:									
Department of Agriculture, total	1,260,996	956,473	442	86,763	12,154	15,793	65,274	121,599	2,498
Agricultural Cooperative Service	3,444	0	0	0	0	0	0	3,444	0
Agricultural Marketing Service 1/	4,144	4,144	0	0	0	0	0	0	0
Agricultural Research Service	583,200	515,713	0	53,699	3,533	2,696	7,539	20	0
Cooperative State Research Svc	418,193	313,194	0	24,652	3,502	0	27,653	49,192	0
Economic Research Service	58,873	0	0	0	0	0	0	58,873	0
Federal Grain Inspection Service	1,505	1,505	0	0	0	0	0	0	0
Forest Service	175,800	109,669	442	8,412	5,119	9,508	30,082	10,070	2,498
Human Nutrition Information Svc	10,703	10,703	0	0	0	0	0	0	0
Nat'l Agricultural Statistics Svc	3,589	0	0	0	0	3,589	0	0	0
Office of International Cooperation & Development	1,545	1,545	0	0	0	0	0	0	0
Department of Commerce, total	595,909	97,883	396	75,101	252,651	35,390	84,445	16,165	33,878
Bureau of the Census	3,380	0	391	0	0	2,301	0	628	60
Economic Development Admin	500	0	0	0	0	0	0	500	0
National Institute of Standards & Technology	149,393	0	0	58,026	364	17,563	73,215	225	0
National Oceanic & Atmospheric Administration	438,675	97,883	5	17,075	252,287	15,526	7,269	14,812	33,818
National Telecommunications & Information Administration	3,961	0	0	0	0	0	3,961	0	0
Department of Defense, total	4,073,406	342,024	112,434	626,142	259,684	536,983	2,032,672	5,337	158,130
Department of the Army	932,739	173,729	36,119	118,233	45,607	106,094	432,317	1,921	18,719
Department of the Navy	892,830	46,043	30,790	210,889	127,830	55,638	409,133	0	12,507
Department of the Air Force	790,500	46,219	26,880	174,363	20,715	74,423	440,181	211	7,508
Defense agencies	1,457,337	76,033	18,645	122,657	65,532	300,828	751,041	3,205	119,396
Department of Education	126,972	17,398	4,824	0	0	1,316	5,263	98,171	0
Department of Energy	3,412,535	305,861	0	1,923,033	244,054	209,073	711,344	135	19,035
Dept of Health & Human Svcs, total	7,945,519	7,024,312	125,469	154,370	0	20,254	83,683	235,945	301,486
Administration on Aging 2/	2,459	0	0	0	0	0	0	2,459	0
Admin for Children & Families 2/ 3/	34,347	0	0	0	0	0	0	34,347	0
Agency for Health Care Policy & Research 4/	97,821	19,916	79	9	0	1,485	0	50,274	26,058
Centers for Disease Control	146,900	146,900	0	0	0	0	0	0	0
Food & Drug Administration	135,700	135,700	0	0	0	0	0	0	0
Health Care Financing Admin	75,491	0	0	0	0	0	0	75,491	0
Health Resources & Svcs Admin	10,125	10,125	0	0	0	0	0	0	0
National Institutes of Health 5/	7,398,728	6,705,700	125,390	154,361	0	18,769	83,683	35,397	275,428
Office of the Assistant Secretary for Health	5,971	5,971	0	0	0	0	0	0	0
Office of the Secretary	4,977	0	0	0	0	0	0	4,977	0
Social Security Administration	33,000	0	0	0	0	0	0	33,000	0

See explanatory information, if any, and SOURCE at end of table.

Table 10. Federal obligations for research, by agency and field of science and engineering: fiscal year 1992

[Dollars in thousands]

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Department of Housing & Urban Dvlpmt	8,807	0	0	0	288	188	540	7,374	417
Department of the Interior, total	570,595	105,340	0	30,786	304,072	13,640	112,459	4,298	0
Bureau of Land Management	5,940	4,556	0	0	1,349	0	0	35	0
Bureau of Mines	102,910	0	0	0	8,168	0	94,742	0	0
Bureau of Reclamation	10,700	3,220	0	2,000	0	0	5,480	0	0
Geological Survey	344,478	2,246	0	28,786	291,094	13,480	8,422	450	0
Minerals Management Service	3,815	0	0	0	0	0	3,815	0	0
National Park Service	31,098	24,000	0	0	3,125	160	0	3,813	0
Office of the Secretary	200	0	0	0	200	0	0	0	0
Office of Surface Mining Reclamation & Enforcement	254	118	0	0	136	0	0	0	0
US Fish & Wildlife Service	71,200	71,200	0	0	0	0	0	0	0
Department of Justice, total	20,343	584	1,797	0	0	800	500	14,513	2,149
Bureau of Prisons 6/	2,500	0	500	0	0	0	0	2,000	0
Drug Enforcement Administration	100	0	0	0	0	0	100	0	0
Immigration & Naturalization Svc	400	0	0	0	0	0	400	0	0
Office of Justice Programs	17,343	584	1,297	0	0	800	0	12,513	2,149
Department of Labor, total	23,814	0	0	0	0	0	0	23,814	0
Bureau of Labor Statistics	7,600	0	0	0	0	0	0	7,600	0
Employment & Training Admin	5,640	0	0	0	0	0	0	5,640	0
Occupational Safety & Health Administration	3,094	0	0	0	0	0	0	3,094	0
Office of the Secretary	4,118	0	0	0	0	0	0	4,118	0
Pension Benefit Guaranty Corp	812	0	0	0	0	0	0	812	0
Pension & Welfare Benefit Admin	2,550	0	0	0	0	0	0	2,550	0
Department of State	5,554	0	0	0	0	0	0	5,554	0
Department of Transportation, total	156,870	5,092	9,988	3,526	6,987	20,259	92,643	16,933	1,442
Coast Guard	5,014	0	579	0	582	1,264	2,589	0	0
Federal Aviation Administration	30,108	2,774	3,896	1,909	205	7,864	12,137	0	1,323
Federal Highway Administration	73,212	547	5,513	235	5,985	5,709	46,513	8,710	0
Federal Railroad Administration	18,859	0	0	1,132	0	0	13,955	3,772	0
Maritime Administration	1,751	0	0	0	50	0	1,701	0	0
National Highway Traffic Safety Administration	25,774	1,771	0	0	0	4,907	15,210	3,886	0
Office of the Secretary	740	0	0	250	0	0	450	40	0
Research & Special Programs Administration	1,412	0	0	0	165	515	88	525	119
Department of the Treasury, total	20,821	140	389	1,956	0	11,178	0	7,158	0
Bureau of Engraving & Printing	1,766	0	0	1,766	0	0	0	0	0
Internal Revenue Service 7/	17,521	0	0	0	0	11,178	0	6,343	0
Office of Thrift Supervision 8/	815	0	0	0	0	0	0	815	0
United States Customs Service	190	0	0	190	0	0	0	0	0
United States Secret Service 9/	529	140	389	0	0	0	0	0	0
Department of Veterans Affairs	200,900	184,322	16,275	0	0	0	303	0	0

See explanatory information, if any, and SOURCE at end of table.

Table 10. Federal obligations for research, by agency and field of science and engineering: fiscal year 1992

[Dollars in thousands]

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Other agencies:									
Advisory Commission on Intergovernmental Relations	1,730	0	0	0	0	0	0	1,730	0
Agency for International Dvlpmt	300,050	225,314	0	0	0	4,200	219	28,720	41,597
Appalachian Regional Commission	1,900	0	0	0	0	0	0	1,900	0
Consumer Product Safety Commission	788	0	0	112	0	0	676	0	0
Environmental Protection Agency	404,300	164,435	1,438	79,903	73,662	5,782	79,080	0	0
Federal Communications Commission	1,648	0	0	0	0	115	1,199	334	0
Federal Trade Commission	1,285	0	0	0	0	0	0	1,285	0
Library of Congress	1,772	0	0	0	0	0	0	0	1,772
National Aeronautics & Space Admin	3,229,305	145,692	12,334	978,154	631,709	71,686	1,367,787	39	21,904
National Archives & Records Admin	605	0	0	595	0	10	0	0	0
National Science Foundation	1,868,397	297,630	12,343	444,682	414,835	213,392	217,062	54,145	214,308
Nuclear Regulatory Commission	119,049	0	0	0	0	0	119,049	0	0
Smithsonian Institution	97,999	33,713	0	27,535	6,770	0	0	29,981	0
Tennessee Valley Authority	24,391	4,268	0	6,404	750	0	2,769	566	9,634
US Arms Control & Disarmament Agency	2,058	0	0	100	0	235	0	1,723	0
US International Trade Commission	12,280	0	0	0	0	0	0	12,280	0

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

3/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

4/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

5/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

6/ Formerly listed as Federal Prison System

7/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

8/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

9/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table 11. Estimated Federal obligations for research, by agency and field of science and engineering: fiscal year 1993

[Dollars in thousands]

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Total, all agencies	27,451,807	10,950,089	354,187	4,915,464	2,411,918	1,363,022	5,839,936	704,346	912,845
Departments:									
Department of Agriculture, total	1,263,769	955,697	455	88,053	12,368	16,135	66,492	121,993	2,576
Agricultural Cooperative Service	3,518	0	0	0	0	0	0	3,518	0
Agricultural Marketing Service 1/	4,244	4,244	0	0	0	0	0	0	0
Agricultural Research Service	582,377	513,418	0	54,750	3,588	2,740	7,861	20	0
Cooperative State Research Svc	418,642	313,735	0	24,636	3,502	0	27,622	49,147	0
Economic Research Service	58,925	0	0	0	0	0	0	58,925	0
Federal Grain Inspection Service	1,191	1,191	0	0	0	0	0	0	0
Forest Service	181,200	113,026	455	8,667	5,278	9,806	31,009	10,383	2,576
Human Nutrition Information Svc	8,538	8,538	0	0	0	0	0	0	0
Nat'l Agricultural Statistics Svc	3,589	0	0	0	0	3,589	0	0	0
Office of International Cooperation & Development	1,545	1,545	0	0	0	0	0	0	0
Department of Commerce, total	632,976	94,995	302	91,837	245,696	43,441	108,656	15,268	32,781
Bureau of the Census	3,032	0	297	0	0	1,970	0	699	66
National Institute of Standards & Technology	200,147	0	0	75,256	522	26,545	97,609	215	0
National Oceanic & Atmospheric Administration	425,693	94,995	5	16,581	245,174	14,926	6,943	14,354	32,715
National Telecommunications & Information Administration	4,104	0	0	0	0	0	4,104	0	0
Department of Defense, total	4,875,743	345,618	127,217	757,347	296,638	652,269	2,459,722	13,863	223,069
Department of the Army	1,069,788	153,912	29,217	128,644	54,589	109,735	559,812	989	32,890
Department of the Navy	1,038,000	52,031	35,024	246,573	139,006	61,461	491,214	0	12,691
Department of the Air Force	978,500	61,922	40,226	208,560	33,238	84,881	537,128	394	12,151
Defense agencies	1,789,455	77,753	22,750	173,570	69,805	396,192	871,568	12,480	165,337
Department of Education	129,347	14,180	4,808	0	0	2,623	5,246	102,490	0
Department of Energy	3,602,132	386,809	0	2,005,850	304,263	221,864	764,598	129	18,619
Dept of Health & Human Svcs, total	9,140,498	8,081,139	145,893	179,586	0	23,942	97,398	232,167	380,373
Administration on Aging 2/	2,456	0	0	0	0	0	0	2,456	0
Admin for Children & Families 2/ 3/	17,795	0	0	0	0	0	0	17,795	0
Agency for Health Care Policy & Research 4/	105,650	21,130	0	0	0	2,113	0	53,882	28,525
Centers for Disease Control	149,500	149,500	0	0	0	0	0	0	0
Food & Drug Administration	139,100	139,100	0	0	0	0	0	0	0
Health Care Financing Admin	68,700	0	0	0	0	0	0	68,700	0
Health Resources & Svcs Admin	10,549	10,549	0	0	0	0	0	0	0
National Institutes of Health 5/	8,598,601	7,760,860	145,893	179,586	0	21,829	97,398	41,187	351,848
Office of the Secretary	8,047	0	0	0	0	0	0	8,047	0
Social Security Administration	40,100	0	0	0	0	0	0	40,100	0

See explanatory information, if any, and SOURCE at end of table.

Table 11. Estimated Federal obligations for research, by agency and field of science and engineering: fiscal year 1993

[Dollars in thousands]

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Department of Housing & Urban Dvlpmt	9,390	0	0	0	64	145	317	7,738	1,126
Department of the Interior, total	573,156	103,730	0	30,256	304,159	14,371	115,405	5,235	0
Bureau of Land Management	8,002	5,762	0	0	2,205	0	0	35	0
Bureau of Mines	108,833	0	0	0	8,104	0	100,729	0	0
Bureau of Reclamation	7,300	3,092	0	1,000	0	0	3,208	0	0
Geological Survey	342,206	1,973	0	29,256	288,953	13,871	7,753	400	0
Minerals Management Service	5,015	0	0	0	1,300	0	3,715	0	0
National Park Service	32,000	23,500	0	0	3,200	500	0	4,800	0
Office of the Secretary	200	0	0	0	200	0	0	0	0
Office of Surface Mining Reclamation & Enforcement	400	203	0	0	197	0	0	0	0
US Fish & Wildlife Service	69,200	69,200	0	0	0	0	0	0	0
Department of Justice, total	18,441	950	2,150	0	0	600	400	13,501	840
Bureau of Prisons 6/	2,500	0	500	0	0	0	0	2,000	0
Immigration & Naturalization Svc	400	0	0	0	0	0	400	0	0
Office of Justice Programs	15,541	950	1,650	0	0	600	0	11,501	840
Department of Labor, total	20,091	0	0	0	0	0	0	20,091	0
Bureau of Labor Statistics	6,900	0	0	0	0	0	0	6,900	0
Employment & Training Admin	3,349	0	0	0	0	0	0	3,349	0
Occupational Safety & Health Administration	3,737	0	0	0	0	0	0	3,737	0
Office of the Secretary	2,832	0	0	0	0	0	0	2,832	0
Pension Benefit Guaranty Corp	693	0	0	0	0	0	0	693	0
Pension & Welfare Benefit Admin	2,580	0	0	0	0	0	0	2,580	0
Department of State	5,368	0	0	0	0	0	0	5,368	0
Department of Transportation, total	333,922	9,830	28,988	6,620	21,436	30,460	207,876	28,712	0
Coast Guard	8,854	0	1,063	0	1,107	2,169	4,515	0	0
Federal Aviation Administration	68,681	3,692	24,386	4,272	1,055	7,422	27,854	0	0
Federal Highway Administration	189,603	2,345	3,539	595	19,124	14,290	131,262	18,448	0
Federal Railroad Administration	25,881	0	0	1,553	0	0	19,152	5,176	0
Federal Transit Administration 7/	6,000	0	0	0	0	0	6,000	0	0
Maritime Administration	1,734	0	0	0	50	0	1,684	0	0
National Highway Traffic Safety Administration	31,611	3,793	0	0	0	6,006	16,754	5,058	0
Office of the Secretary	645	0	0	200	0	0	415	30	0
Research & Special Programs Administration	913	0	0	0	100	573	240	0	0
Department of the Treasury, total	10,970	160	404	3,752	0	5,825	0	829	0
Bureau of Engraving & Printing	3,652	0	0	3,652	0	0	0	0	0
Internal Revenue Service 8/	5,825	0	0	0	0	5,825	0	0	0
Office of Thrift Supervision 9/	829	0	0	0	0	0	0	829	0
United States Customs Service	100	0	0	100	0	0	0	0	0
United States Secret Service 10/	564	160	404	0	0	0	0	0	0
Department of Veterans Affairs	204,400	181,235	17,356	0	0	0	5,809	0	0

See explanatory information, if any, and SOURCE at end of table.

Table 11. Estimated Federal obligations for research, by agency and field of science and engineering: fiscal year 1993

[Dollars in thousands]

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Other agencies:									
Advisory Commission on Intergovernmental Relations	2,483	0	0	0	0	0	0	2,483	0
Agency for International Dv'pmt	289,821	203,402	0	0	0	4,550	926	27,519	53,424
Appalachian Regional Commission	900	0	0	0	0	0	0	900	0
Consumer Product Safety Commission	850	0	0	430	0	0	420	0	0
Environmental Protection Agency	441,800	181,800	1,800	88,400	80,000	9,000	80,800	0	0
Federal Communications Commission	1,838	0	0	0	0	123	1,208	507	0
Federal Trade Commission	848	0	0	0	0	0	0	848	0
Library of Congress	2,076	0	0	0	0	0	0	0	2,076
National Aeronautics & Space Admin	3,558,331	132,528	11,648	1,098,580	680,109	90,615	1,517,679	48	27,124
National Archives & Records Admin	290	0	0	290	0	0	0	0	0
National Science Foundation	2,072,617	318,799	13,166	530,119	458,954	247,059	283,325	60,419	160,776
Nuclear Regulatory Commission	119,678	0	0	0	0	0	119,678	0	0
Smithsonian Institution	99,999	34,929	0	27,912	7,021	0	0	30,137	0
Tennessee Valley Authority	25,340	4,288	0	6,432	1,210	0	2,781	568	10,061
US Arms Control & Disarmament Agency	1,000	0	0	0	0	0	0	1,000	0
United States Information Agency	1,200	0	0	0	0	0	1,200	0	0
US International Trade Commission	12,533	0	0	0	0	0	0	12,533	0

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

3/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

4/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

5/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

6/ Formerly listed as Federal Prison System

7/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

8/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

9/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

10/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

Table 12. Estimated Federal obligations for research, by agency and field of science and engineering: fiscal year 1994

[Dollars in thousands]

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Total, all agencies	28,123,803	11,372,809	346,401	4,832,467	2,542,055	1,468,682	6,005,491	708,623	847,275
Departments:									
Department of Agriculture, total	1,299,802	999,533	525	88,186	12,296	17,761	66,325	112,207	2,969
Agricultural Cooperative Service	3,576	0	0	0	0	0	0	3,576	0
Agricultural Marketing Service 1/	4,272	4,272	0	0	0	0	0	0	0
Agricultural Research Service	595,856	525,384	0	55,970	3,667	2,796	8,019	20	0
Cooperative State Research Svc	416,452	323,917	0	22,229	2,546	0	22,574	45,186	0
Economic Research Service	51,461	0	0	0	0	0	0	51,461	0
Federal Grain Inspection Service	1,000	1,000	0	0	0	0	0	0	0
Forest Service	208,800	130,240	525	9,987	6,083	11,300	35,732	11,964	2,969
Human Nutrition Information Svc	13,142	13,142	0	0	0	0	0	0	0
Nat'l Agricultural Statistics Svc	3,665	0	0	0	0	3,665	0	0	0
Office of International Cooperation & Development	1,578	1,578	0	0	0	0	0	0	0
Department of Commerce, total	743,215	95,309	309	114,134	285,632	56,551	141,526	16,129	33,625
Bureau of the Census	3,101	0	304	0	0	2,014	0	715	68
Economic Development Admin	500	0	0	0	0	0	0	500	0
National Institute of Standards & Technology	265,536	0	0	96,090	623	39,040	129,486	297	0
National Oceanic & Atmospheric Administration	468,853	95,309	5	18,044	285,009	15,497	6,815	14,617	33,557
National Telecommunications & Information Administration	5,225	0	0	0	0	0	5,225	0	0
Department of Defense, total	4,415,904	305,923	128,153	660,532	267,825	652,737	2,250,940	1,843	147,951
Department of the Army	841,773	134,339	28,494	108,507	35,447	70,147	453,218	1,191	10,430
Department of the Navy	969,000	51,680	33,468	225,683	145,025	60,660	441,159	0	11,325
Department of the Air Force	1,012,400	58,340	36,895	207,031	34,795	88,717	579,005	362	7,255
Defense agencies	1,592,731	61,564	29,296	119,311	52,558	433,213	777,558	290	118,941
Department of Education	142,587	14,473	4,927	0	0	2,687	5,375	115,125	0
Department of Energy	3,513,206	303,082	0	1,907,358	334,455	221,706	722,069	516	24,020
Dept of Health & Human Svcs, total	9,484,344	8,413,899	150,241	135,029	0	25,192	100,317	243,045	366,621
Administration on Aging 2/	2,474	0	0	0	0	0	0	2,474	0
Admin for Children & Families 2/ 3/	17,419	0	0	0	0	0	0	17,419	0
Agency for Health Care Policy & Research 4/	135,645	27,129	0	0	0	2,713	0	69,179	36,624
Centers for Disease Control	183,053	183,053	0	0	0	0	0	0	0
Food & Drug Administration	151,200	151,200	0	0	0	0	0	0	0
Health Care Financing Admin	68,600	0	0	0	0	0	0	68,600	0
Health Resources & Svcs Admin	10,892	10,892	0	0	0	0	0	0	0
National Institutes of Health 5/	8,866,093	8,035,625	150,241	185,029	0	22,479	100,317	42,405	329,997
Office of the Assistant Secretary for Health	6,000	6,000	0	0	0	0	0	0	0
Office of the Secretary	15,868	0	0	0	0	0	0	15,868	0
Social Security Administration	27,100	0	0	0	0	0	0	27,100	0

See explanatory information, if any, and SOURCE at end of table.

Table 12. Estimated Federal obligations for research, by agency and field of science and engineering: fiscal year 1994

[Dollars in thousands]

Agency and subdivision	Total	Life sciences	Psychology	Physical sciences	Environmental sciences	Mathematics and computer sciences	Engineering	Social sciences	Other sciences, n.e.c.
Department of Housing & Urban Dvlpmt	12,776	0	0	0	85	125	84	12,077	405
Department of the Interior, total	544,973	93,936	0	33,511	306,984	14,858	91,249	4,435	0
Bureau of Land Management	6,463	5,186	0	0	1,242	0	0	35	0
Bureau of Mines	84,506	0	0	0	8,494	0	76,012	0	0
Bureau of Reclamation	6,600	2,000	0	1,500	0	0	3,100	0	0
Geological Survey	349,880	2,150	0	32,011	292,247	14,658	8,414	400	0
Minerals Management Service	5,024	0	0	0	1,301	0	3,723	0	0
National Park Service	7,700	0	0	0	3,500	200	0	4,000	0
Office of the Secretary	200	0	0	0	200	0	0	0	0
US Fish & Wildlife Service	84,600	84,600	0	0	0	0	0	0	0
Department of Justice, total	17,425	1,100	2,500	0	0	800	400	11,785	840
Bureau of Prisons 6/	2,500	0	500	0	0	0	0	2,000	0
Immigration & Naturalization Svc	400	0	0	0	0	0	400	0	0
Office of Justice Programs	14,525	1,100	2,000	0	0	800	0	9,785	840
Department of Labor, total	20,713	0	0	0	0	0	0	20,713	0
Bureau of Labor Statistics	7,000	0	0	0	0	0	0	7,000	0
Employment & Training Admin	3,349	0	0	0	0	0	0	3,349	0
Occupational Safety & Health Administration	3,765	0	0	0	0	0	0	3,765	0
Office of the Secretary	3,323	0	0	0	0	0	0	3,323	0
Pension Benefit Guaranty Corp	696	0	0	0	0	0	0	696	0
Pension & Welfare Benefit Admin	2,580	0	0	0	0	0	0	2,580	0
Department of State	5,383	0	0	0	0	0	0	5,383	0
Department of Transportation, total	281,237	16,662	13,740	3,496	16,535	30,175	180,983	17,863	1,783
Coast Guard	6,147	0	737	0	756	1,536	3,118	0	0
Federal Aviation Administration	75,146	11,818	10,131	1,645	1,300	8,817	39,652	0	1,783
Federal Highway Administration	149,704	1,607	2,872	482	14,329	14,286	104,452	11,676	0
Federal Railroad Administration	13,999	0	0	1,119	0	0	11,060	1,820	0
Federal Transit Administration 7/	6,000	0	0	0	0	0	6,000	0	0
Maritime Administration	1,741	0	0	0	50	0	1,691	0	0
National Highway Traffic Safety Administration	26,978	3,237	0	0	0	5,126	14,298	4,317	0
Office of the Secretary	772	0	0	250	0	0	472	50	0
Research & Special Programs Administration	750	0	0	0	100	410	240	0	0
Department of the Treasury, total	21,458	160	457	5,675	0	14,312	0	854	0
Bureau of Engraving & Printing	5,025	0	0	5,025	0	0	0	0	0
Internal Revenue Service 8/	14,312	0	0	0	0	14,312	0	0	0
Office of Thrift Supervision 9/	854	0	0	0	0	0	0	854	0
United States Customs Service	650	0	0	650	0	0	0	0	0
United States Secret Service 10/	617	160	457	0	0	0	0	0	0
Department of Veterans Affairs	173,700	155,430	13,578	0	0	0	4,692	0	0

See explanatory information, if any, and SOURCE at end of table.

Table 12. Estimated Federal obligations for research, by agency and field of science and engineering: fiscal year 1994

[Dollars in thousands]

Agency and subdivision	Total	Life sciences	Psy-chology	Physical sciences	Environ-mental sciences	Mathe-matics and com-puter sciences	Engi-neering	Social sciences	Other sciences, n.e.c.
Other agencies:									
Advisory Commission on Intergovernmental Relations	1,939	0	0	0	0	0	0	1,939	0
Agency for International Dvlpmt	282,863	206,349	0	0	0	3,500	954	26,080	45,980
Appalachian Regional Commission	900	0	0	0	0	0	0	900	0
Consumer Product Safety Commission	147	0	0	100	0	0	47	0	0
Environmental Protection Agency	576,900	216,100	3,100	110,300	107,000	13,300	121,500	1,600	4,000
Federal Communications Commission	1,745	0	0	0	0	123	1,037	585	0
Federal Trade Commission	876	0	0	0	0	0	0	876	0
Library of Congress	2,106	0	0	0	0	0	0	0	2,106
National Aeronautics & Space Admin	4,096,065	171,037	13,997	1,134,899	721,719	141,566	1,884,777	50	28,020
National Archives & Records Admin	280	0	0	280	0	0	0	0	0
National Science Foundation	2,216,967	339,817	14,874	553,672	481,190	273,289	307,382	68,288	178,455
Nuclear Regulatory Commission	122,094	0	0	0	0	0	122,094	0	0
Smithsonian Institution	100,900	35,244	0	28,163	7,084	0	0	30,409	0
Tennessee Valley Authority	27,351	4,755	0	7,132	1,250	0	3,084	630	10,500
US Arms Control & Disarmament Agency	1,000	0	0	0	0	0	0	1,000	0
United States Information Agency	656	0	0	0	0	0	656	0	0
US International Trade Commission	14,291	0	0	0	0	0	0	14,291	0

1/ Data reported for the Agricultural Marketing Service include funds for the Office of Transportation beginning in 1989.

2/ In fiscal year 1991 Human Development Services was replaced by the Administration for Children and Families and by the Administration on Aging. Beginning in fiscal year 1992, data shown for the Administration for Children and Families are separate from obligations for the Administration on Aging.

3/ Obligations reported for the Administration for Children and Families may be incomplete due to unavailability of data.

4/ In fiscal year 1991 the Agency for Health Care Policy and Research became separate from the Office of the Assistant Secretary for Health.

5/ Fiscal year 1992 figures include obligations from the Alcohol, Drug Abuse, and Mental Health Administration. Due to reorganization within the Department of Health and Human Services, the Alcohol, Drug Abuse, and Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with this volume (XLII).

6/ Formerly listed as Federal Prison System

7/ Name changed from Urban Mass Transit Administration on Dec. 18, 1991

8/ Due to the reorganization of the Internal Revenue Service and subsequent unavailability of data, fiscal year 1992 figures are taken from estimates made in the Volume XLI submission.

9/ In 1989 the Federal Home Loan Bank Board was replaced by the Office of Thrift Supervision. In 1990 the Office of Thrift Supervision became part of the Department of the Treasury.

10/ Formerly listed as Office of Protective Research

NOTE: Only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1992, 1993, and 1994

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